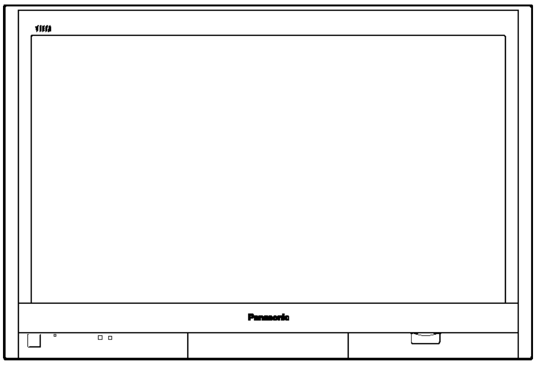
ORDER NO.PCZ0604030CE

Service Manual

Plasma Television

TH-37PV600E / TH-37PX600B / TH-42PV600E / TH-42PX600B

GP9DE Chassis



SPECIFICATIONS

Specifications

ower Source	**AC 220-240 V, 50 / 60 Hz**
ower Consumption	
Average use	**241 W (TH-37PV600E), 261 W (TH-42PV600E)**
	250 W (TH-37PX600B), 270 W (TH-42PX600B)
Standby condition	**0.3 W (PV600E)**
	0.3 W (PX600B Without DVB recording), 20 W (PX600B With DVB recording)
lasma Display panel	
Drive method	**AC type**
Aspect Ratio	**16:9**
Contrast Ratio	**Max 10000:1**
isible screen size / (W × H × iagonal) /	**94 cmV (37-inch), 106 cmV (42-inch)**
	818 mm (W) × 461 mm (H) × 939 mm (diagonal) (37-inch)
	920 mm (W) × 518 mm (H) × 1,056 mm (diagonal) (42-inch)
No. of pixels)	**737,280 (1,024 (W) × 720 (H)) [3,072 × 720 dots] (37-inch)**
	786,432 (1,024 (W) × 768 (H)) [3,072 × 768 dots] (42-inch)
ound	
Speaker	**Woofer (ϕ 80 mm) × 2 pcs, Tweeter (23 mm × 100 mm) × 2 pcs**
Audio Output	**31 W (15.5 W + 15.5 W), 10% THD**
Headphones	**ϕ 3.5 mm stereo mini Jack × 1**
C signals	**VGA, SVGA, XGA**

◆ ◆ ◆ ◆ ◆ ◆

		SXGA (compressed)	
		Horizontal scanning frequency 31 - 69 kHz	
		Vertical scanning frequency 59 - 86 Hz	
Receiving Systems / / Band name (PV600E)		PAL B, G, H, I, SECAM B, G SECAM L / L’	
		VHF E2 - E12	VHF H1 - H2 (ITALY)
		VHF A - H (ITALY)	UHF E21 - E69
		CATV (S01 - S05)	CATV S1 - S10 (M1 - M10)
		CATV S11 - S20 (U1 - U10)	CATV S21 - S41 (Hyperband)
		PAL D, K, SECAM D, K	
		VHF R1 - R2	VHF R3 - R5
		VHF R6 - R12	UHF E21 - E69
		PAL 525/60	
		Playback of NTSC tape from some PAL Video recorders (VCR)	
		M.NTSC	
		Playback from M. NTSC Video recorders (VCR)	
		NTSC (AV input only)	
		Playback from NTSC Video recorders (VCR)	
Receiving Systems / / Band name (PX600B)		PAL I	
		UHF E21 - 68.	
		PAL 525/60	
		Playback of NTSC tape from some PAL Video recorders (VCR) or NTSC disc playback from DV player and recorder.	
		DVB	
		Digital terrestrial services via UHF aerial input.	
		M.NTSC	
		Playback from M.NTSC Video recorders (VCR).	
		NTSC (AV input only)	
		Playback from NTSC Video recorders (VCR).	
Aerial - Rear		VHF / UHF (PV600E), UHF (PX600B)	
Operating Conditions		Temperature : 0 °C - 40 °C	
		Humidity : 20 % - 80 % RH (non-condensing)	
Connection Terminals			
AV1 (Scart terminal)		21 Pin terminal (Audio / Video in, Audio / Video out, RGB in)	
AV2 (Scart terminal)		21 Pin terminal (Audio / Video in, Audio / Video out, S-Video in, Q-Link)	
AV3 (Scart terminal)		21 Pin terminal (Audio / Video in, Audio / Video out, RGB in, S-Video in, Q-Link)	
AV4	VIDEO	RCA PIN Type × 1	1.0 V[p-p] (75 Ω)
	S-VIDEO	Mini DIN 4-pin	Y:1.0 V[p-p] (75 Ω) C:0.286 V[p-p] (75 Ω)
	AUDIO L - R	RCA PIN Type × 2	0.5 V[rms]
Others	COMPONENT	Y	1.0 V[p-p] (including synchronization)
		P_B, P_R	±0.35 V[p-p]
	HDMI 1/2	TYPE A Connectors	
	PC	HIGH-DENSITY D-SUB 15PIN	R,G,B/0.7 V[p-p] (75 Ω) HD, VD/TTL Level 2.0 - 5.0 V[p-p] (high impedance)
	AUDIO L - R	RCA PIN Type × 2	0.5 V[rms]
	CARD slot	SD CARD slot × 1	0.5 V[rms]
Output	AUDIO L - R	RCA PIN Type × 2	0.5 V[rms] (high impedance)
Dimensions (W × H × D)			
		977 mm × 629 mm × 138 (panel part: 95) mm (37-inch)	
		1,077 mm × 689 mm × 138 (panel part: 95) mm (42-inch)	

Veight

28.5 kg Net (37-inch)

32.5 kg Net (42-inch)

lotes:

-Design and Specifications are subject to change without notice. Weight and Dimensions shown are approximate.

-This equipment complies with the EMC standards listed below.

EN55013, EN61000-3-2, EN61000-3-3, EN55020, EN55022, EN55024.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

1. Applicable signals

Applicable input signal for Component (Y, P_B, P_R), HDMI and PC (D-sub 15P) (* Mark)

Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)	Component	HDMI	PC
525 (480) / 60i	15.73	59.94	*	*	
525 (480) / 60p	31.47	59.94	*	*	
625 (576) / 50i	15.63	50.00	*	*	
625 (576) / 50p	31.25	50.00	*	*	
750 (720) / 60p	45.00	60.00	*	*	
750 (720) / 50p	37.50	50.00	*	*	
1,125 (1,080) / 60i	33.75	60.00	*	*	
1,125 (1,080) / 50i	28.13	50.00	*	*	
640 x 400 @70 Hz	31.46	70.07			*
640 x 480 @60 Hz	31.47	59.94			*
640 x 480 @75 Hz	37.50	75.00			*
800 x 600 @60 Hz	37.88	60.32			*
800 x 600 @75 Hz	46.88	75.00			*
800 x 600 @85 Hz	53.67	85.06			*
1,024 x 768 @60 Hz	48.36	60.00			*
1,024 x 768 @70 Hz	56.48	70.07			*
1,024 x 768 @75 Hz	60.02	75.03			*
1,024 x 768 @85 Hz	68.68	85.00			*
1,280 x 1,024 @60 Hz	63.98	60.02			*
Macintosh13" (640 x 480)	35.00	66.67			*
Macintosh16" (832 x 624)	49.72	74.54			*
Macintosh21" (1,152 x 870)	68.68	75.06			*

Note: Signals other than above may not be displayed properly.
The above signals are reformatted for optimal viewing on your display.

2. Safety Precautions

2.1. General Guidelines

1. **When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.**
2. **After servicing, see to it that all the protective devices such as**

insulation barriers, insulation papers shields are properly installed.

3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

2.2. Touch-Current Check

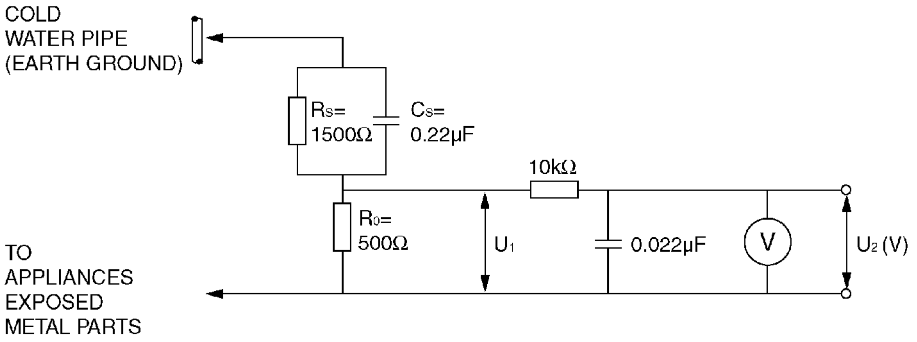
1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a measuring network for touch currents between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use Leakage Current Tester (Simpson 228 or equivalent) to measure the potential across the measuring network.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reserve the AC plug in the AC outlet and repeat each of the above measure.
6. The potential at any point (TOUGH CURRENT) expressed as voltage U_1 and U_2, does not exceed the following values:
   For a. c.: U_1 = 35 V (peak) and U_2 = 0.35 V (peak);
   For d. c.: U_1 = 1.0 V,

Note:
The limit value of U_2 = 0.35 V (peak) for a. c. and U_1 = 1.0 V for d. c. correspond to the values 0.7 mA (peak) a. c. and 2.0 mA d. c.
The limit value U_1 = 35 V (peak) for a. c. correspond to the value 70 mA (peak) a. c. for frequencies greater than 100 kHz.

7. In case a measurement is out of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

Figure 1

Measuring network for TOUCH CURRENTS



Resistance values in ohms (Ω)

V: Voltmeter or oscilloscope
(r.m.s. or peak reading)

Input resistance: ≥ 1 MΩ
Input capacitance: ≤ 200 pF
Frequency range: 15 Hz to 1 MHz and d.c. respectively

NOTE - Appropriate measures should be taken to obtain the correct value in case of non-sinusoidal waveforms.

3. Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. **Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.**
2. **After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.**
3. **Use only a grounded-tip soldering iron to solder or unsolder ES devices.**
4. **Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.**
5. **Do not use freon-propelled chemicals. These can generate**

electrical charges sufficient to damage ES devices.

6. **Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, alminum foil or comparable conductive material).**
7. **Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.**

   Caution

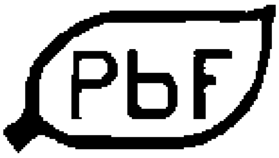
   Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. **Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).**

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are imporant for safety. These parts are marked by ⚠ in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

4. About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.
In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.
The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).
That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.
This model uses Pb Free solder in it's manufacture due to environmental conservation issues.
For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.
PCBs manufactured using lead free solder will have the PbF within a leaf Symbol



stamped on the back of PCB.

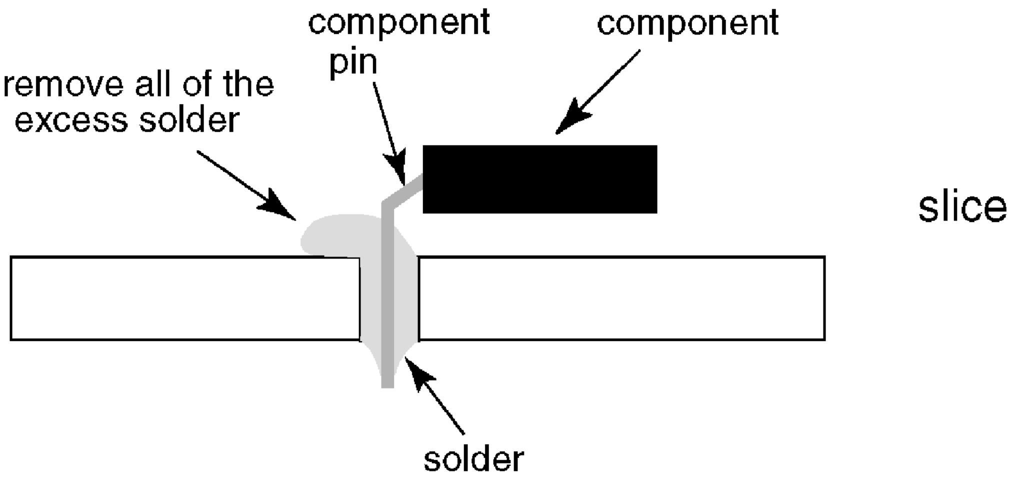
Caution

- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please

use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).

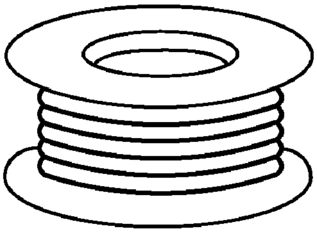
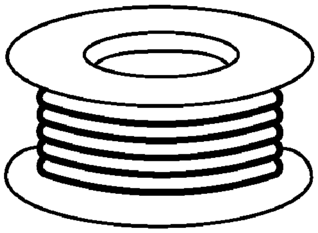
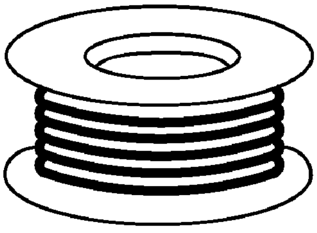
- **Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).**

  If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- **After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)**



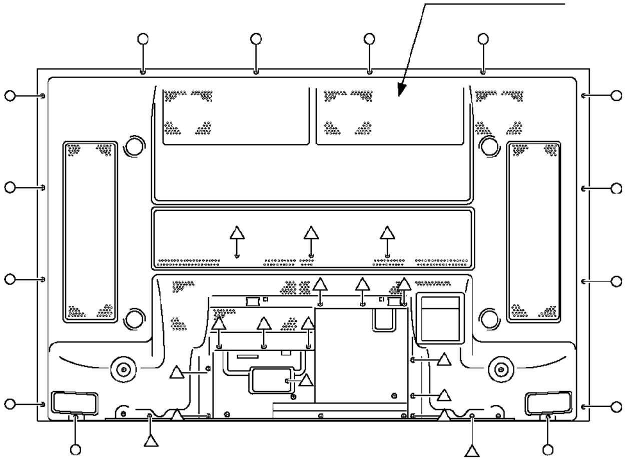
Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

0.3mm X 100g	0.6mm X 100g	1.0mm X 100g
		

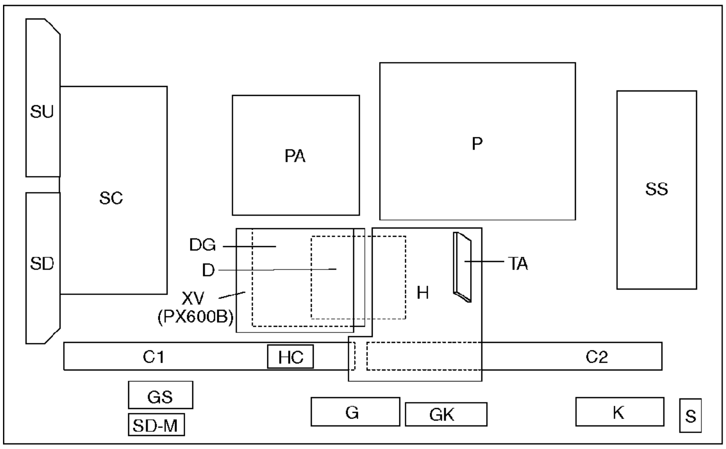
5. Service Hint

Remove the Rear Cover



Remove:
14 screws (○) XTB4+12GFJK
17 screws (△) THEL0429

Service Position



Board Name	Function	Board Name	Function
P	Power Supply	SC	Scan Drive
PA	DC-DC Converter, Power SOS, / Speaker out, Audio AMP, Fan Control	SU	Scan out (Upper)
		SD	Scan out (Lower)
H	AV Terminal, AV Switch, MSP	SS	Sustain Drive
TA	Tuner	K	Remote receiver, Power LED
DG	Digital Signal Processor, Micom, HDMI Interface	S	Power Switch
XV	D-TV Interface (PX600B only)	G	Front Terminal
D	Format Converter, Plasma Ai, Sub-Field Processor	GK	Key Switch
HC	Jig Connection	GS	SD Card Slot
C1	Data Driver (Lower Right)	SD-M	SD Module (MPEG4/PHOTO viev recording) None serviceable. SD Module should be exchange service.
C2	Data Driver (Lower Left)		

6. Plasma panel replacement method

6.1. Remove the Back cover

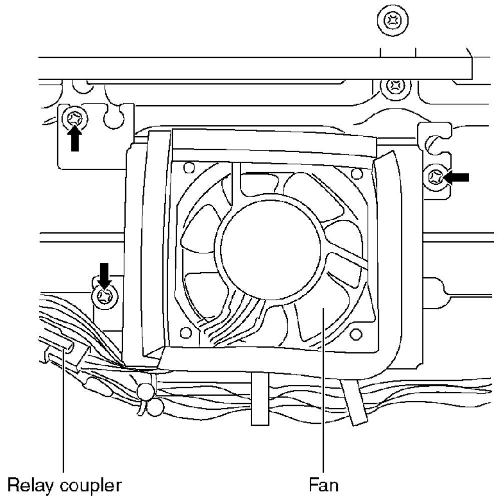
1. See Service Hint (Section 5)

6.2. Remove the fan

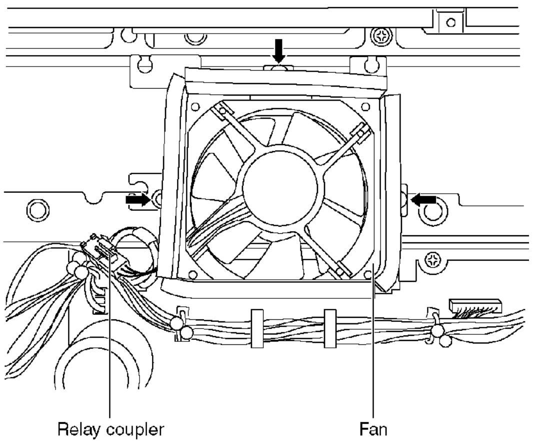
1. Disconnect the relay couplers.

2. Remove the screws (×3➡ each) and remove the fans.

· 37inch



· 42inch

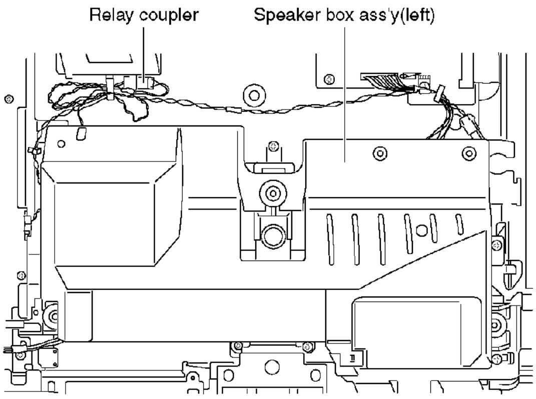


6.3. Remove the Speaker box ass’y (left)

1. Unlock the cable clampers to free the cable.

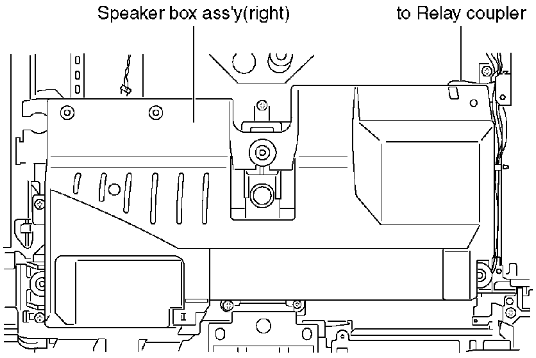
2. Disconnect the relay coupler.

3. Remove the Speaker box ass’y (left).


Relay coupler
Speaker box ass'y(left)

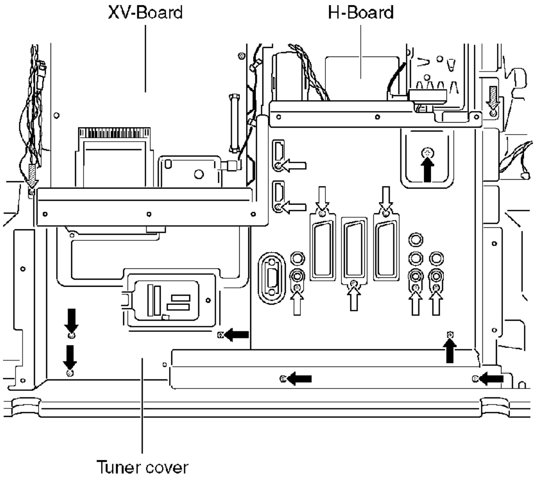
6.4. Remove the Speaker box ass’y (right)

1. Unlock the cable clampers to free the cable.
2. Disconnect the relay coupler.
3. Remove the Speaker box ass’y (right).


Speaker box ass'y(right)
to Relay coupler

6.5. Remove the tuner cover

1. Remove the screws (×7➡, ×8⇨, ×2 ➨).
2. Remove the tuner cover.

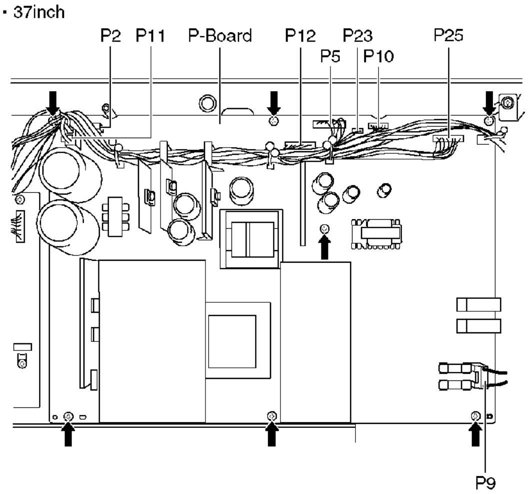

XV-Board
H-Board
Tuner cover

6.6. Remove the P-Board

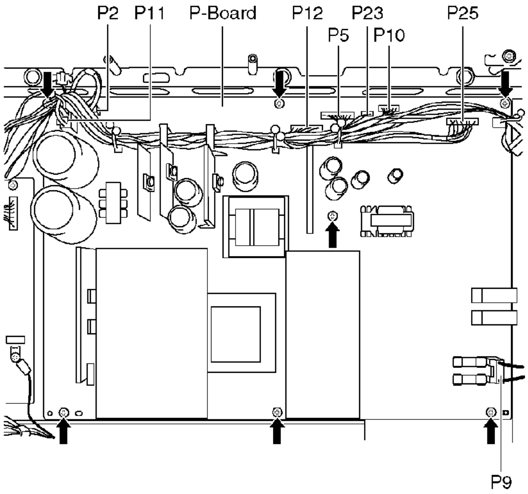
Caution:

To remove P.C.B. wait 1 minute after power was off for discharge from electrolysis capacitors.

1. **Unlock the cable clampers to free the cable.**
2. **Disconnect the couplers (P2, P5, P9, P10, P11, P12, P23, and P25).**
3. **Remove the screws (×7➡) and remove the P-Board.**

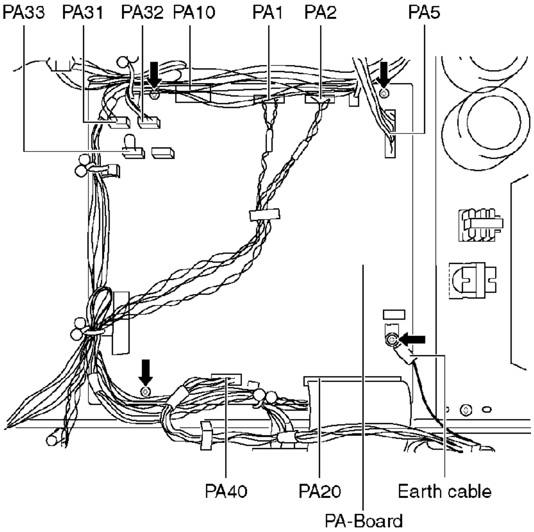

· 37inch
P2
P11
P-Board
P12
P23
P5
P10
P25
P9

· 42inch


P2
P11
P-Board
P12
P23
P5
P10
P25
P9

6.7. Remove the PA-Board

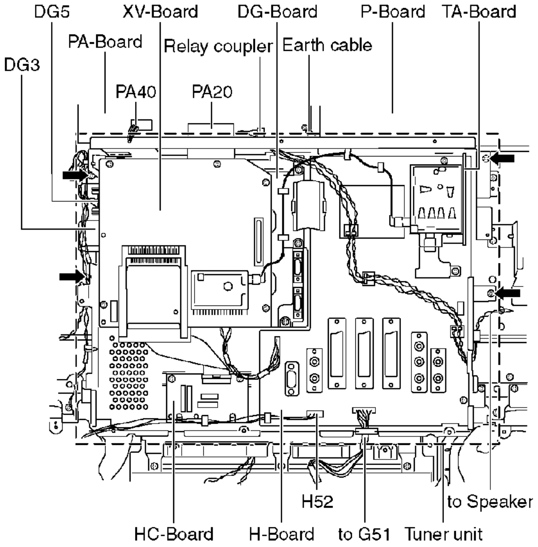
1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (PA1, PA2, PA5, PA10, PA31, PA32, PA33 and PA40).
3. Disconnect the flexible cable (PA20).
4. Remove the screws (×4➡) and remove the earth cable.
5. Remove the PA-Board.


PA33
PA31
PA32
PA10
PA1
PA2
PA5
PA40
PA20
Earth cable
PA-Board

6.8. Remove the tuner unit

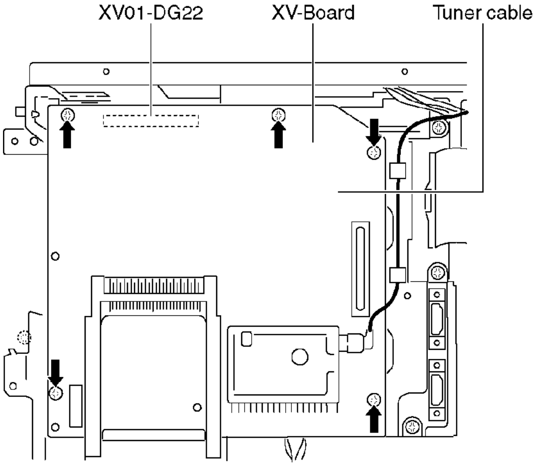
1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (DG5, G51, H52, PA40 and earth cable).
3. Disconnect the flexible cables (DG3 and PA20).

4. Disconnect the relay couplers and remove the speaker cables.
5. Remove the screws (×4➡) remove the tuner unit.


DG5
XV-Board
DG-Board
P-Board
TA-Board
PA-Board
Relay coupler
Earth cable
DG3
PA40
PA20
H52
to Speaker
HC-Board
H-Board
to G51
Tuner unit

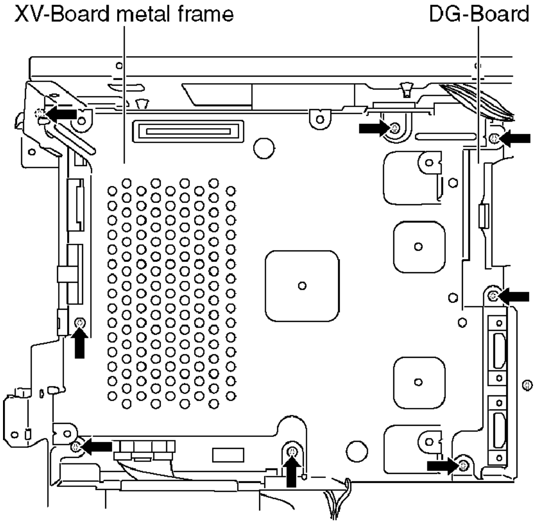
6.9. Remove the XV-Board (PX600B)

1. Unlock the cable clampers to free the cable.
2. Disconnect the tuner cable.
3. Remove the screws (×5➡) remove the XV-Board.
   (Be careful the coupler (XV01-DG22) when remove the XV-Board.)


XV01-DG22
XV-Board
Tuner cable

6.10. Remove the DG-Board

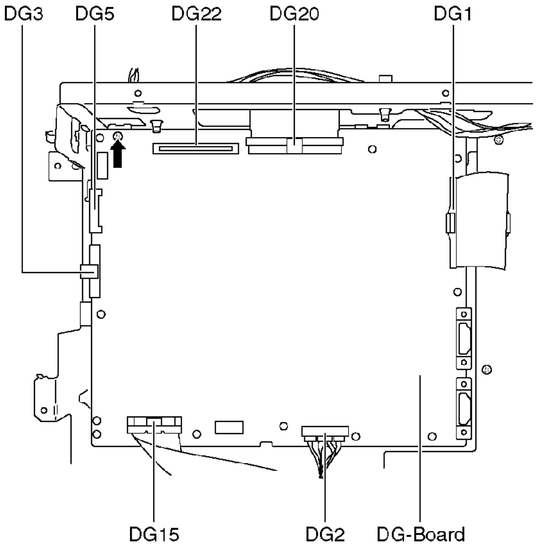
1. Remove the XV-Board (PX600B). (See section 6.9.)
2. Remove the screws (×8➡) and remove the XV-Board metal frame (PX600B).


XV-Board metal frame
DG-Board

3. Disconnect the coupler (DG2).

4. Disconnect the flexible cables (DG1, DG15 and DG20).

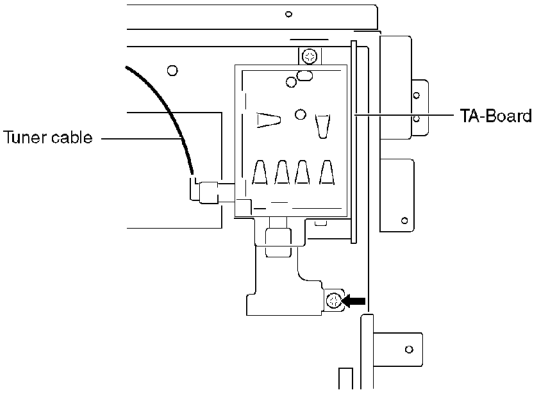
5. Remove the screw (×1➡) remove the DG-Board.


DG3
DG5
DG22
DG20
DG1
DG15
DG2
DG-Board

6.11. Remove the TA-Board

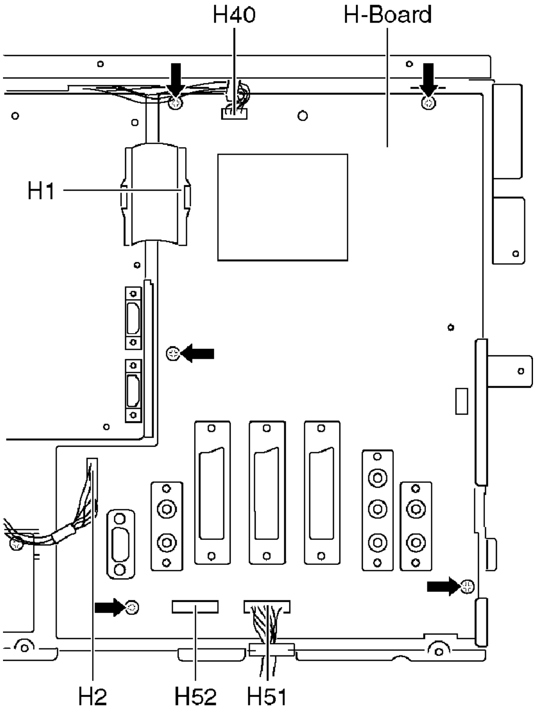
1. Disconnect the tuner cable.

2. Remove the screw (×1➡) and remove the TA-Board.


Tuner cable
TA-Board

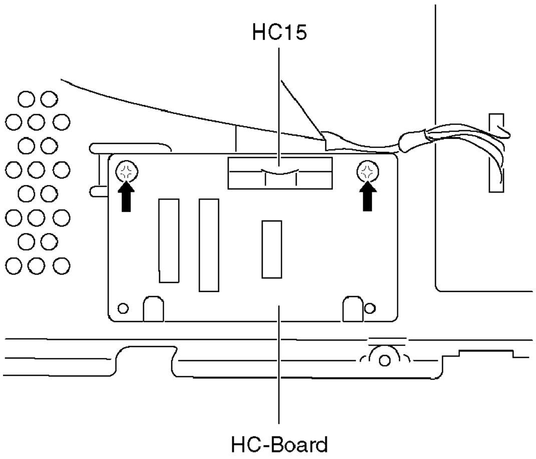
6.12. Remove the H-Board

1. Remove the TA-Board. (See section 6.11.)
2. Unlock the cable clampers to free the cable.
3. Disconnect the couplers (H2, H40 and H51).
4. Disconnect the flexible cable (H1).
5. Remove the screws (×5➡) and remove the H-Board.


H40
H-Board
H1
H2
H52
H51

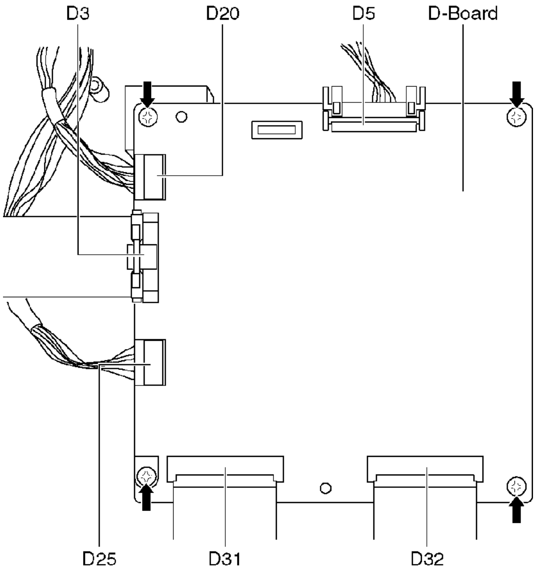
6.13. Remove the HC-Board

1. Disconnect the flexible cable (HC15).
2. Remove the screws (×2➡) and remove the HC-Board.



6.14. Remove the D-Board

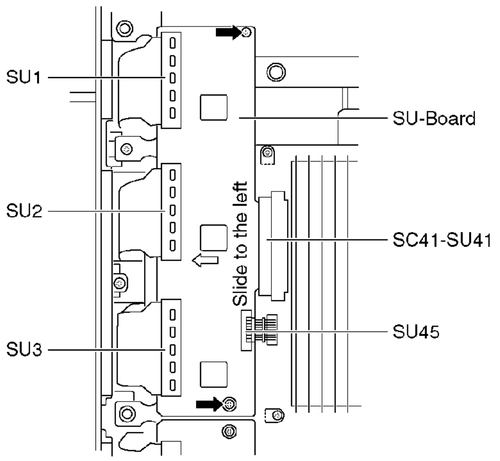
1. Remove the tuner unit. (See section 6.8.)
2. Disconnect the couplers (D5, D20 and D25).
3. Disconnect the flexible cables (D3, D31 and D32).
4. Remove the screws (×4➡) and remove the D-Board.



6.15. Remove the SU-Board (37inch)

1. Remove the screws (×2➡).
2. Remove the flexible cables (SU1, SU2 and SU3) and remove the bridge connector (SU45).
3. Slide the SU-Board to the left to disconnect from a coupler (SC41-SU41) on the SC-Board and remove the SU-Board.

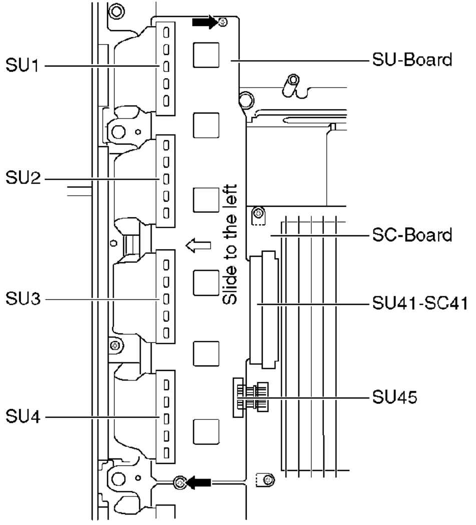
・37inch


SU1
SU-Board
SU2
Slide to the left
SC41-SU41
SU45
SU3

6.16. Remove the SU-Board (42inch)

1. Remove the screws (×2➡).
2. Remove the flexible cables (SU1, SU2, SU3 and SU4) and remove the bridge connector (SU45).
3. Slide the SU-Board to the left to disconnect from a coupler (SC41-SU41) on the SC-Board and remove the SU-Board.

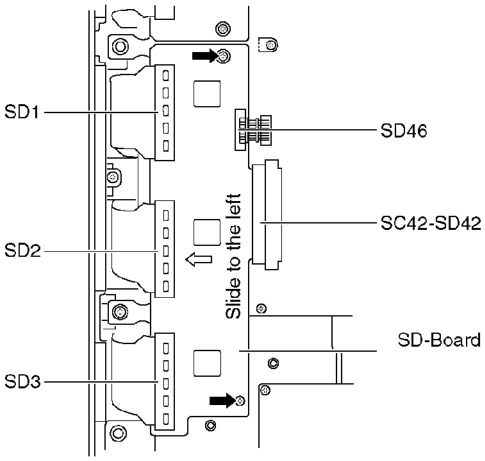
・42inch


SU1
SU-Board
SU2
Slide to the left
SC-Board
SU3
SU41-SC41
SU45
SU4

6.17. Remove the SD-Board (37inch)

1. Remove the screws (×2➡).
2. Remove the flexible cables (SD1, SD2 and SD3) and remove the bridge connector (SD46).
3. Slide the SD-Board to the left to disconnect from a coupler (SC42-SD42) on the SC-Board and remove the SD-Board.

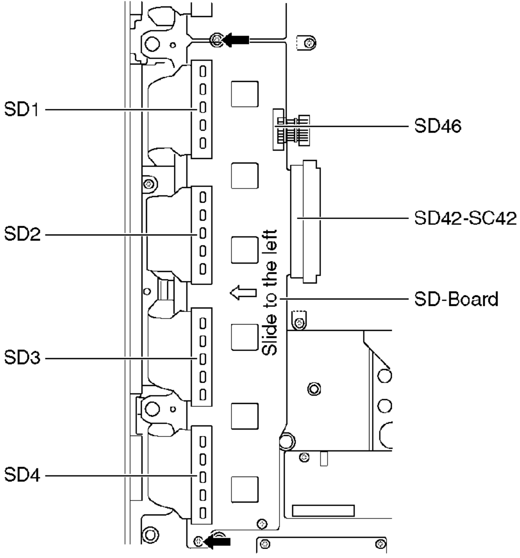
・37inch


SD1
SD2
SD3
SD46
SC42-SD42
SD-Board
Slide to the left

6.18. Remove the SD-Board (42inch)

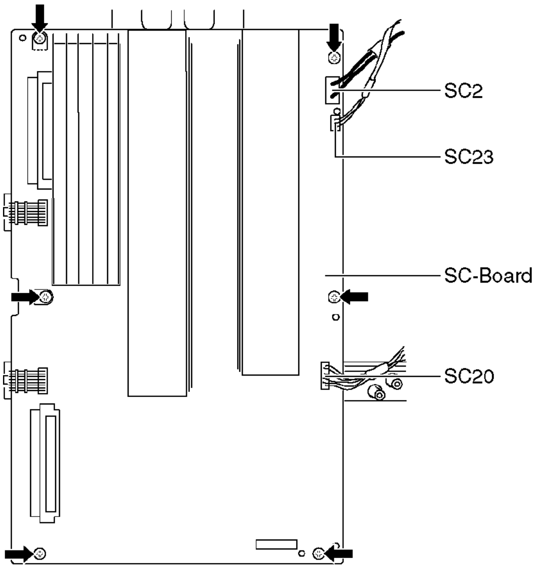
1. Remove the screws (×2➡).
2. Remove the flexible cables (SD1, SD2, SD3 and SD4) and remove the bridge connector (SD46).
3. Slide the SD-Board to the left to disconnect from a coupler (SC42-SD42) on the SC-Board and remove the SD-Board.

・42inch


SD1
SD2
SD3
SD4
SD46
SD42-SC42
SD-Board
Slide to the left

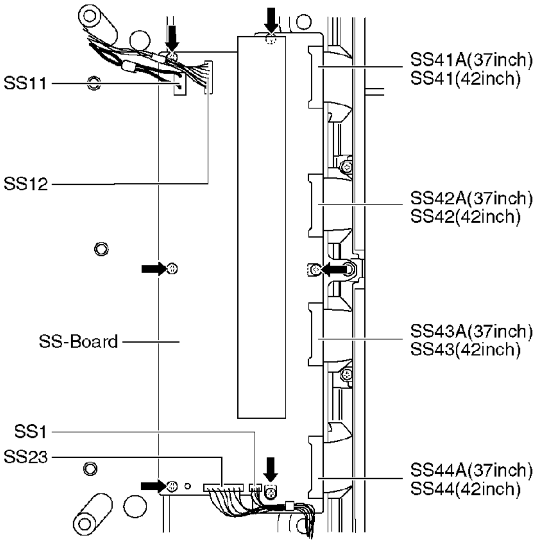
6.19. Remove the SC-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (SC2, SC20 and SC23).
3. Remove the screws (×6➡) and remove the SC-Board.


SC2
SC23
SC-Board
SC20

6.20. Remove the SS-Board

1. Disconnect the couplers (SS1, SS11, SS12 and SS23).
2. Disconnect the flexible cables (SS41A, SS42A, SS43A and SS44A) (37inch).
   Disconnect the flexible cables (SS41, SS42, SS43 and SS44) (42inch).
3. Remove the screws (×6➡) and remove the SS-Board.


SS11
SS12
SS-Board
SS1
SS23
SS41A(37inch)
SS41(42inch)
SS42A(37inch)
SS42(42inch)
SS43A(37inch)
SS43(42inch)
SS44A(37inch)
SS44(42inch)

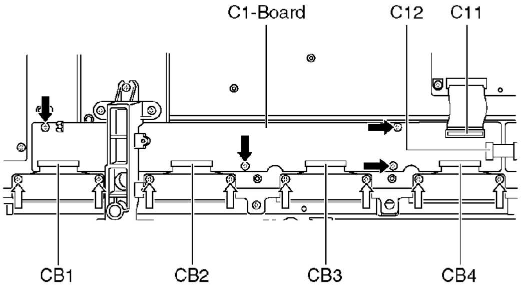
6.21. Remove the C1-Board

1. Remove the tuner unit. (See section 6.8.)
2. Remove the flexible cables holder fastening screws (×8⇨).
3. Disconnect the flexible cables (CB1, CB2, CB3 and CB4).

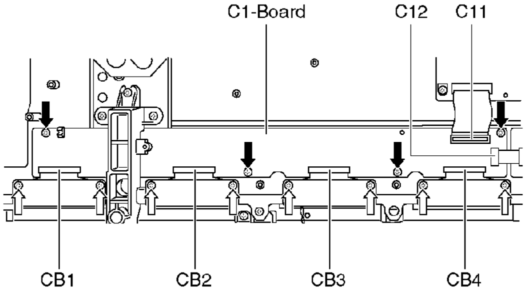
4. Disconnect the flexible cables (C11 and C12).

5. Remove the screws (×4➡) and remove the C1-Board.

・37inch


C1-Board
C12
C11
CB1
CB2
CB3
CB4

・42inch


C1-Board
C12
C11
CB1
CB2
CB3
CB4

6.22. Remove the C2-Board

1. Remove the tuner unit. (See section 6.8.)

2. Remove the flexible cables holder fastening screws (×8⇨).

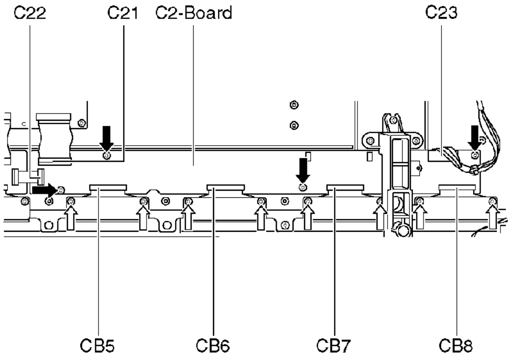
3. Disconnect the flexible cables (CB5, CB6, CB7 and CB8).

4. Disconnect the flexible cables (C21 and C22).

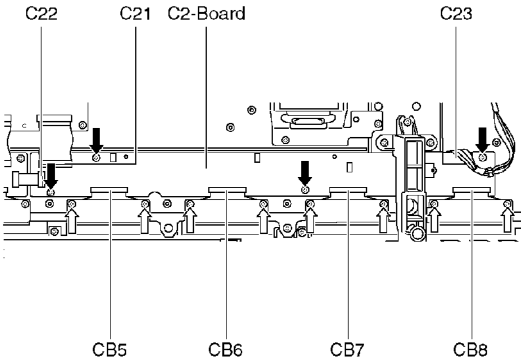
5. Disconnect the coupler (C23).

6. Remove the screws (×4➡) and remove the C2-Board.

・37inch

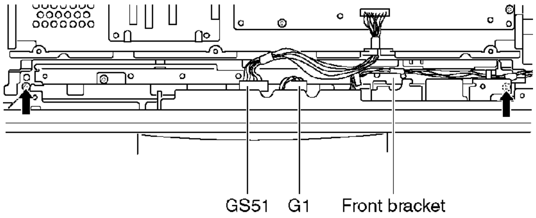

C22
C21
C2-Board
C23
CB5
CB6
CB7
CB8

· 42inch


C22
C21
C2-Board
C23
CB5
CB6
CB7
CB8

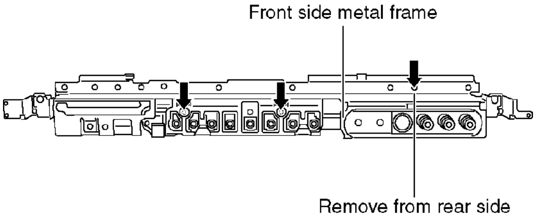
6.23. Remove the front bracket

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (G1 and G51).
3. Remove the screws (×2➡) and remove the front bracket.

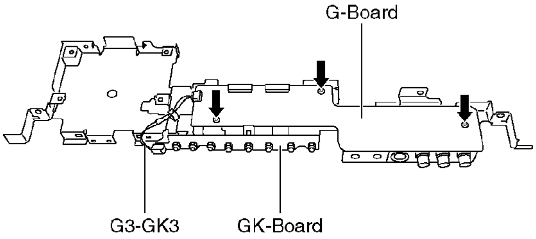

GS51
G1
Front bracket

6.24. Remove the G-Board and GK-Board

1. Remove the front bracket. (See section 6.23.)
2. Remove the screws (×3➡) and remove the front side metal frame.

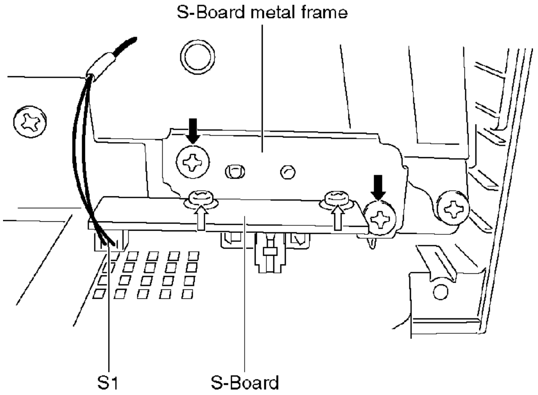

Front side metal frame
Remove from rear side

3. Remove the screws (×3➡) and disconnect the couplers (G3-GK3).
4. Remove the G-Board and GK-Board.


G-Board
G3-GK3
GK-Board

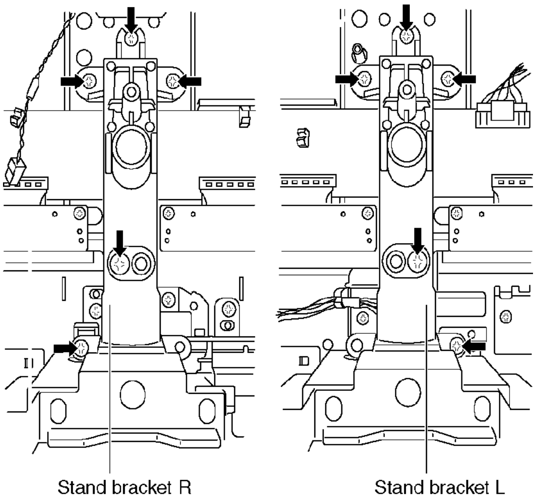
6.25. Remove the S-Board

1. Disconnect the coupler (S1).
2. Remove the screws (×2➡) and remove the S-Board metal frame.
3. Remove the screws (×2⇨) and remove the S-Board.



6.26. Remove the stand brackets

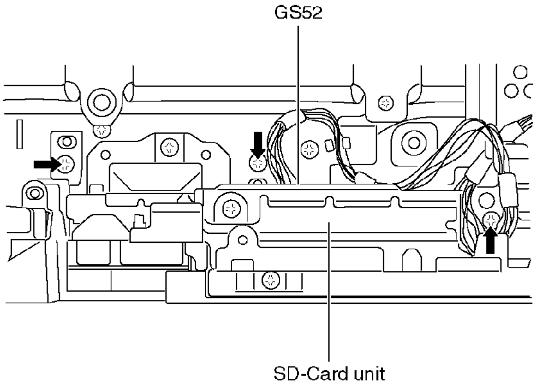
1. Remove the plasma panel section from the servicing stand and lay on a fiat surface such as a table (covered) with the plasma panel surface facing downward.
2. Remove the stand brackets (left, right) fastening screws (×5➡ each) and remove the stand brackets (left, right).



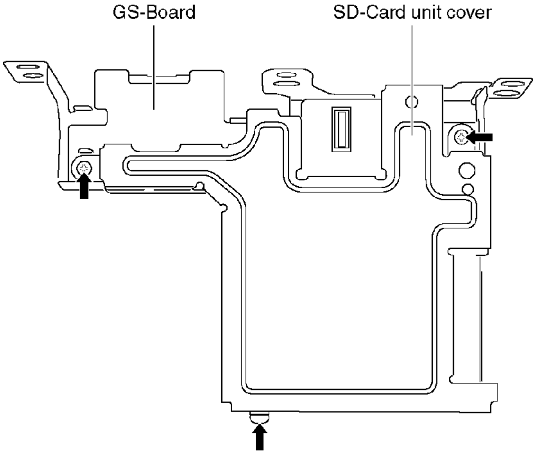
6.27. Remove the GS-Board and SD-Module

1. Remove the stand bracket R. (See section 6.26.)
2. Unlock the cable clampers to free the cable.

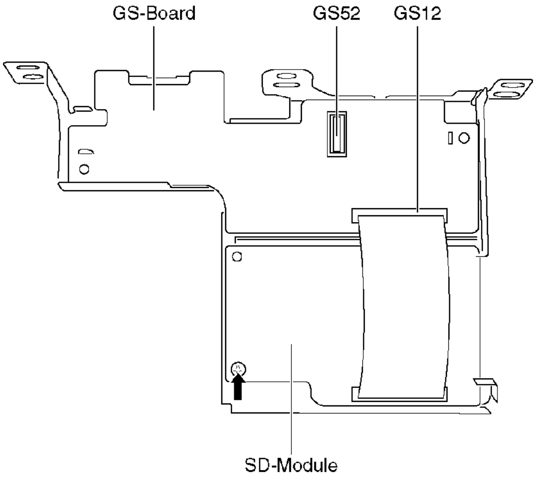
3. **Disconnect the coupler (G52).**
4. **Remove the screws (×3➡).**
5. **Remove the SD card unit.**


GS52
SD-Card unit

6. **Remove the screws (×3➡) and remove the SD card unit cover.**

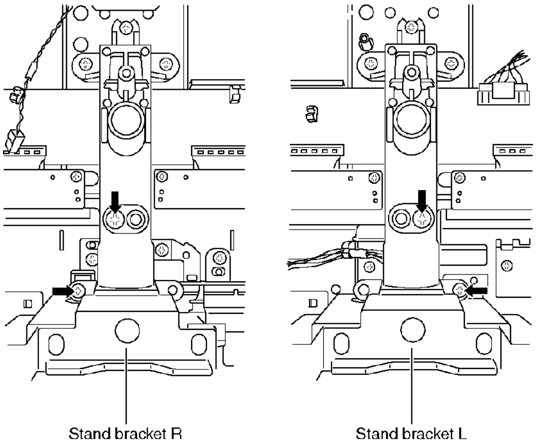

GS-Board
SD-Card unit cover

7. **Disconnect the flexible cable (GS12).**
8. **Remove the screw (×1➡).**
9. **Remove the GS-Board and SD-Module.**

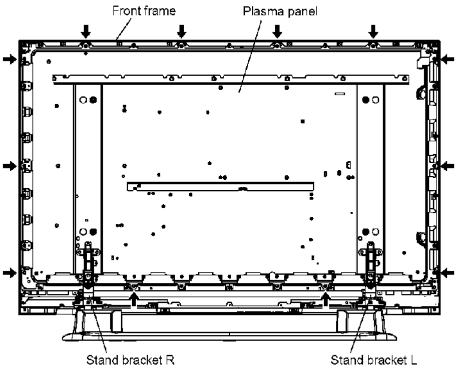

GS-Board
GS52
GS12
SD-Module

6.28. Remove the Plasma panel section from the Front frame (glass)

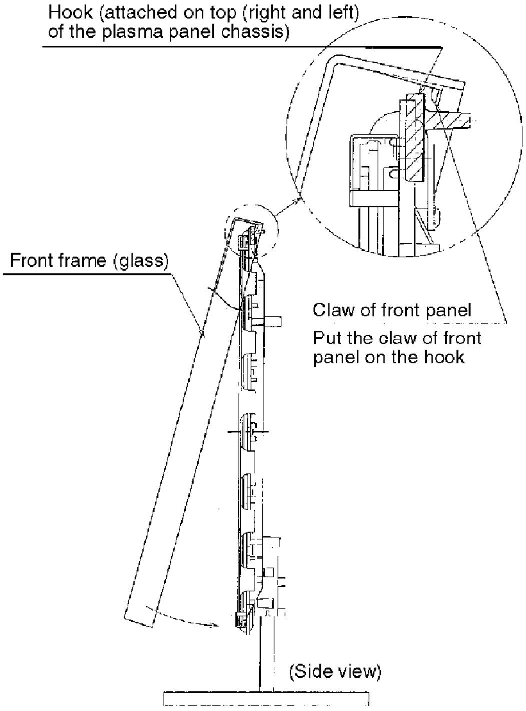
1. **Remove the plasma panel section from the servicing stand and lay on a fiat surface such as a table (convered) with the plasma panel surface facing download.**
2. **Remove the stand brackets (left, right) fastening screws (×2➡each).**


Stand bracket R
Stand bracket L

3. **Replace the servicing stand and stand the set.**
4. **Remove the front frame and the plasma panel fastening screws (× 12➡).**

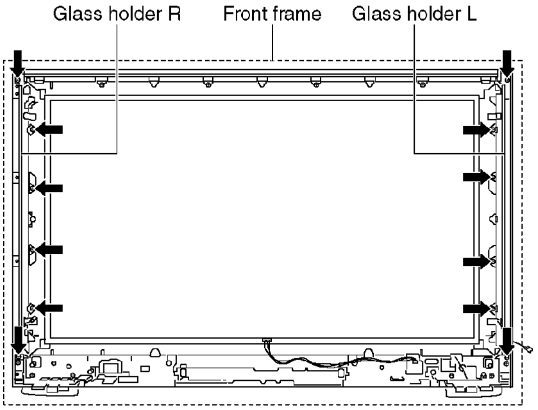

Front frame
Plasma panel
Stand bracket R
Stand bracket L

5. **For leaving the plasma panel from the front frame, pull the bottom of the front frame forward, lift, and remove.**


Hook (attached on top (right and left) of the plasma panel chassis)
Front frame (glass)
Claw of front panel
Put the claw of front panel on the hook
(Side view)

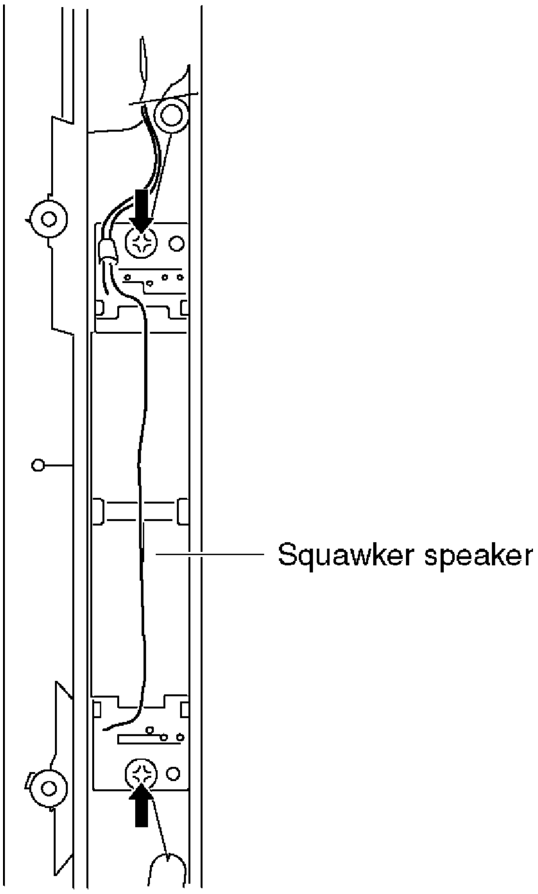
6.29. Remove the squawker speaker

1. **Remove the front frame. (See section 6.28.)**
2. **Remove the screws (×12➡).**
3. **Remove the glass holder R and L.**


Glass holder R
Front frame
Glass holder L

4. Remove the screws (×2➡).

5. Remove the squawker speaker.


Squawker speaker

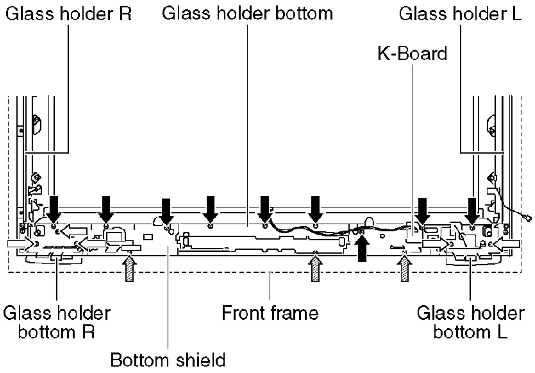
6.30. Remove the K-Board

1. Remove the front frame. (See section 6.28.)

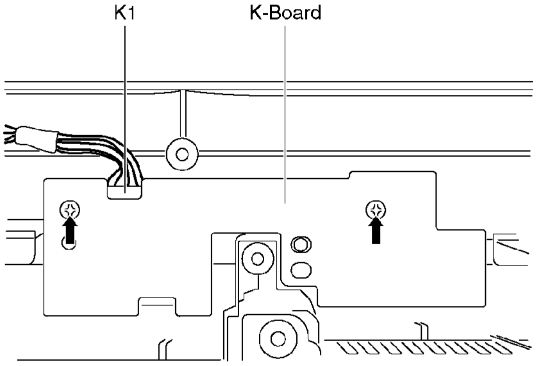
2. Remove the glass holder R and L. (See section 6.29.)

3. Remove the screws (×3 ➡)

4. Remove the bottom shield.
5. Remove the screws (×5⇨)
6. Remove the glass holder bottom R and L.
7. Remove the screws (×9➡)
8. Remove the glass holder bottom.


Glass holder R
Glass holder bottom
Glass holder L
K-Board
Glass holder bottom R
Front frame
Glass holder bottom L
Bottom shield

9. Remove the screws (×2➡).
10. Disconnect the couplers (K1).
11. Remove the K-board.



6.31. Replace the plasma panel (finished)

1. Place the new plasma panel (finished) on the flat surface of the table (covered by a soft cloth), with the plasma panel surface facing downward.
2. Attach the C1-Board and the C2-Board, connect the flexible cables (×8) from the Plasma panel to the C1-Board and the C2-Board, and fit the flexible cable holders.
3. Attach the Hooks (left, right) and fit the stand brackets (L, R) to the new plasma panel.

4. Place the plasma panel section on the servicing stand.
5. Attach the front frame and each P.C.Board and so on, to the new plasma panel.
   * When fitting the front frame, be careful to allow any debris, dust or handling residue to remain between the front glass and plasma panel.

7. Location of Lead Wiring

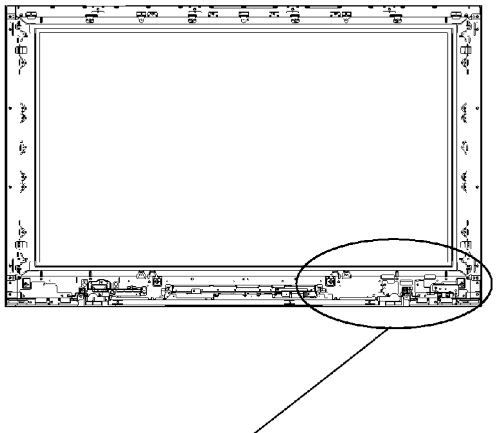
7.1. Lead of Wiring (1)

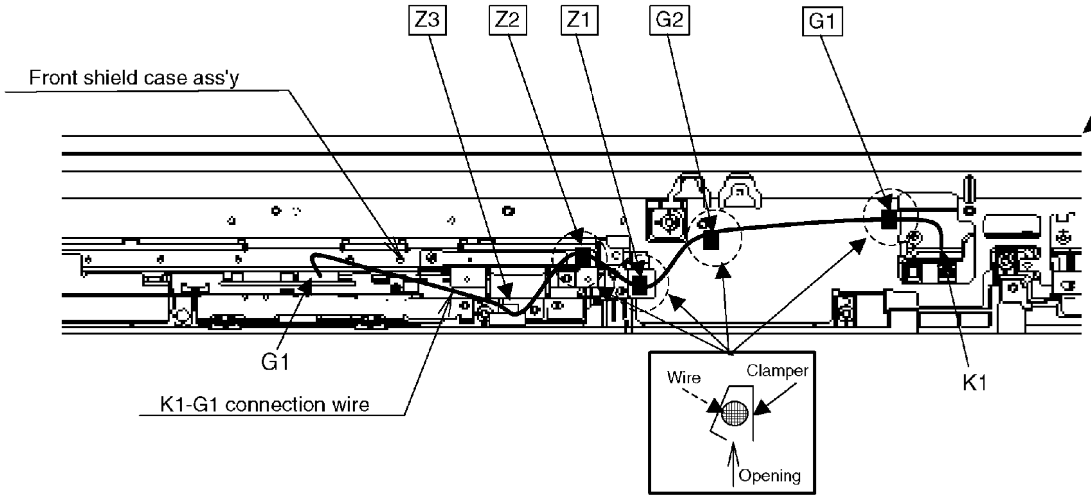
7.2. Lead of Wiring (2)-1

The wire is dressed as shown in figure.

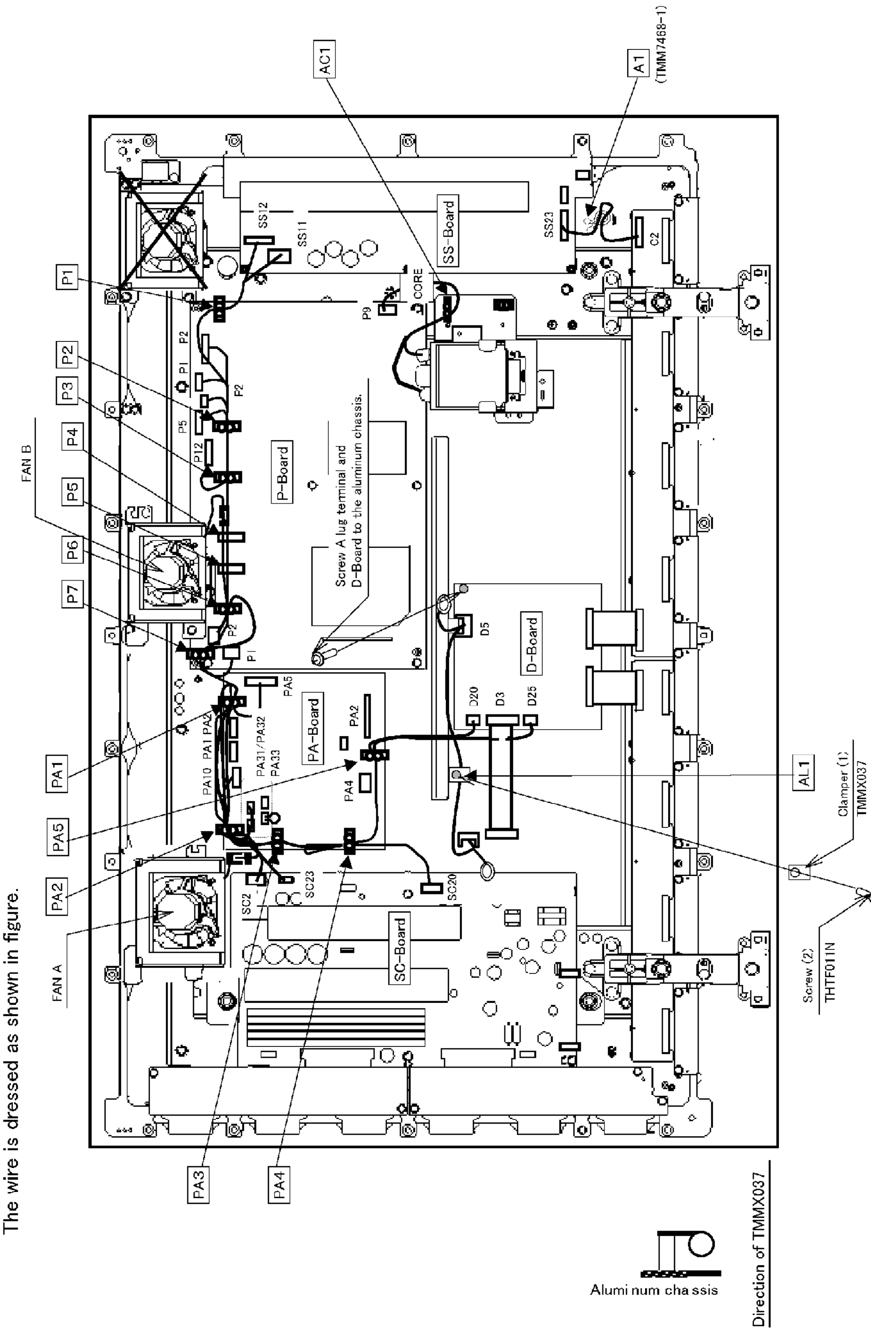
1. Connect the connector G1.
2. Clamp the K1-G1 connection wires as illustrated below.

Connector No.	Wire clamper No.				
	G1	G2	Z1	Z2	Z3
K1 - G1	O	O	O	O	O




Z3
Z2
Z1
G2
G1
Front shield case ass'y
G1
K1-G1 connection wire
Wire
Clamper
Opening
K1

Direction of wire clampers' fixing:
Install wire clampers so their opening turns to down.


AC1
A1
(TMM7468-1)
P1
P2
P3
P4
P5
P6
P7
FAN B
FAN A
PA1
PA5
PA2
PA3
PA4
SS12
SS11
SS23
C2
SS-Board
CORE
P9
P1
P2
P5
P12
P-Board
Screw A lug terminal and D-Board to the aluminum chassis.
D5
D20
D3
D25
D-Board
PA5
PA2
PA10
PA1
PA31/PA32
PA33
PA-Board
PA4
SC2
SC23
SC20
SC-Board
AL1
Clamper (1)
TMMX037
Screw (2)
THTF011N
Alumi num cha ssis
Direction of TMMX037

TH-37PV600E, TH-37PX600B

The wire is dressed as shown in figure.

Note;

1) Manage wires not to touch to fan mountmetal.

2) Pass the SS11 wire and the SS12 wire between a M8 boss and P-board, manage them to keep away from a M8 boss.

7.3. Lead of Wiring (2)-2

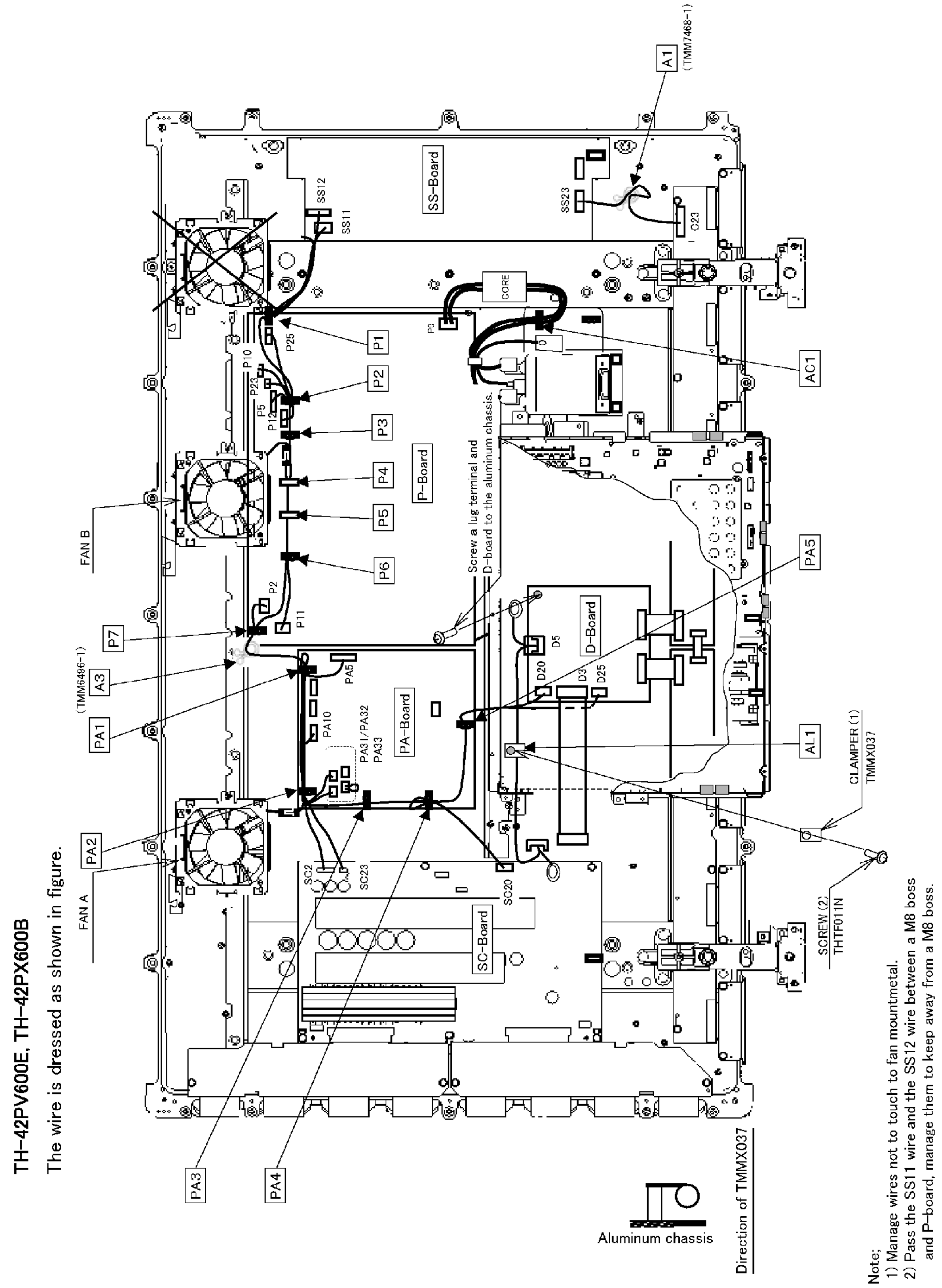
TH-37PV600E, TH-37PX600B

Connector No.	Wire clamper No.															
	P1	P2	P3	P4	P5	P6	P7	PA1	PA2	PA3	PA4	PA5	A1	AC1	AL1	
FAN A - PA31								②	②							
FAN B - PA32				○	○	○	○	○	○							
FAN SHORT - PA33																
P10 - PA10		○	○	○	○	○	○	○								
P5 - PA5		○	○	○	○	○	○	○								
P23 - SC23		○	○	○	○	○	○	○	○							
P2 - SC2						○	○	○	○							
SS11 - P11	○	○	○	○	○	○	○									
SS12 - P12	○	○	○													
D25 - P25		○	○	○	○	○	○	○	○	○	○	○				
AC-INLET - P9														○		
SS23 - C23													②			
D20 - SC20											②	○				
DG5(TUNER UNIT) - D5															○	

The number in the circle shows the number of times passed a clamper.

②
TWICE

7.4. Lead of Wiring (2)-3


TH-42PV600E, TH-42PX600B

The wire is dressed as shown in figure.

A1
(TMM7468-1)
SS-Board
SS12
SS11
SS23
C23
CORE
P1
AC1
P-Board
P1
P2
P3
P4
P5
P6
P7
P10
P23
P5
P12
P25
P2
P11
Screw a lug terminal and D-board to the aluminum chassis.
FAN B
FAN A
A3
(TMM6496-1)
PA1
PA2
PA3
PA4
PA5
PA6
PA10
PA31/PA32
PA33
PA-Board
D-Board
D5
D20
D3
D25
AL1
CLAMPER (1)
TMMX037
SCREW (2)
THTF011N
SC-Board
SC2
SC23
SC20
Aluminum chassis
Direction of TMMX037

Note;
1) Manage wires not to touch to fan mountmetal.
2) Pass the SS11 wire and the SS12 wire between a M8 boss and P-board, manage them to keep away from a M8 boss.

7.5. Lead of Wiring (2)-4

TH-42PV600E, TH-42PX600B

Connector No.	Wire clamper No.																
	P1	P2	P3	P4	P5	P6	P7	PA1	PA2	PA3	PA4	PA5	A1	A3	AC1	AL1	
FAN A - PA31								②	②								
FAN B - PA32				○	○	○	○	○	○					○			
FAN SHORT - PA33																	
P10 - PA10		○	○	○	○	○	○	○						○			
P5 - PA5		○	○	○	○	○	○	○						○			
P23 - SC23		○	○	○	○	○	○	○	○					○			
P2 - SC2							○	○	○					○			
SS11 - P11	○	○	○	○	○	○											
SS12 - P12	○	○															
D25 - P25		○	○	○	○	○	○	○	○	○	○	○		○			
AC-INLET - P9															○		
SS23 - C23													②				
D20 - SC20											②	○					
DG5(TUNER UNIT) - D5																○	

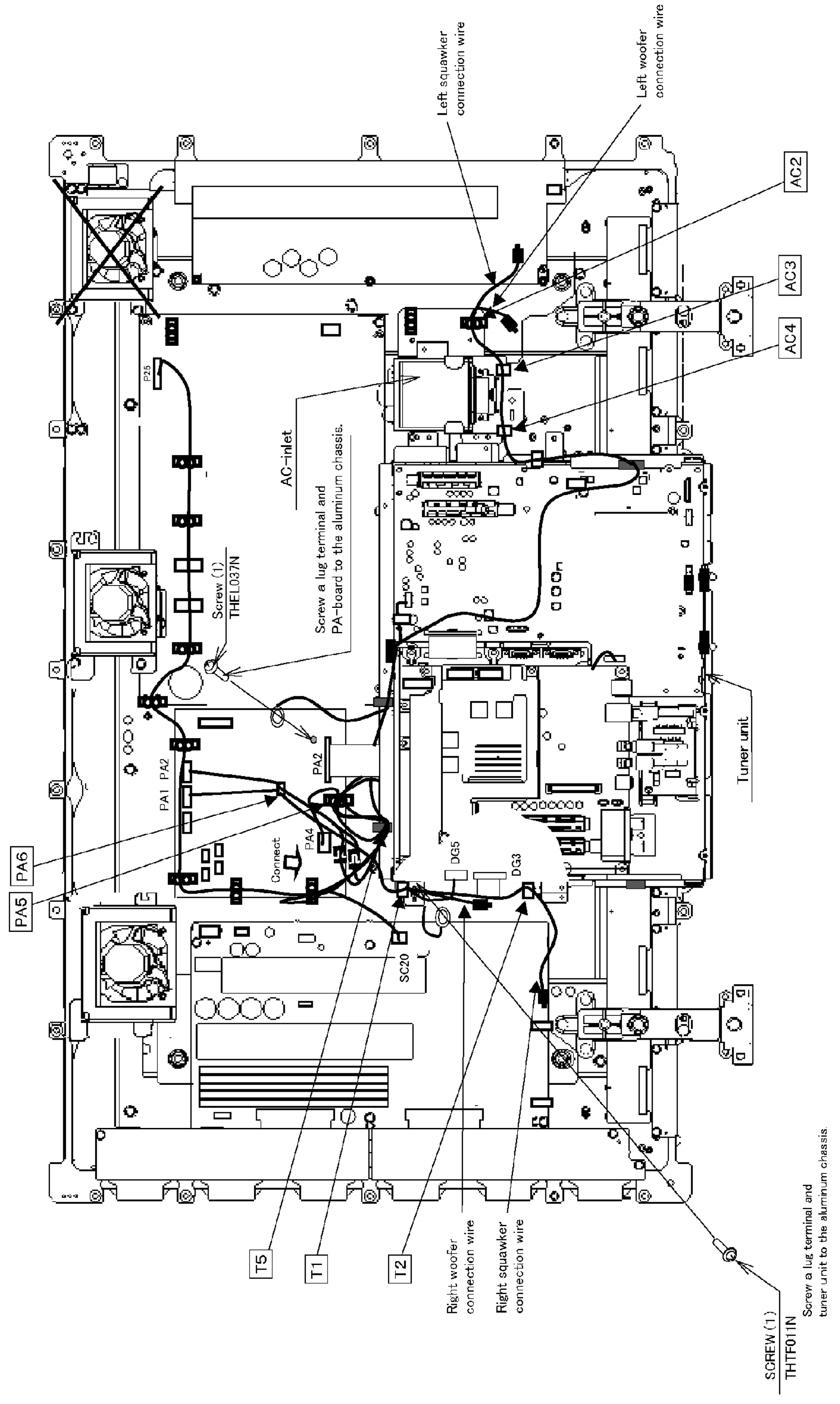
The number in the circle shows the number of times passed a clamper.

②
TWICE

7.6. Lead of Wiring (3)-1

TH-37PV600E, TH-37PX600B

The wire is dressed as shown in figure.


Left squawker connection wire
Left woofer connection wire
AC2
AC3
AC4
AC-inlet
Screw a lug terminal and PA-board to the aluminum chassis.
Screw (1) THEL037N
P25
PA1
PA2
PA2
PA4
Connect
PA6
PA5
SC20
DG5
DG3
Tuner unit
T5
T1
T2
Right woofer connection wire
Right squawker connection wire
SCREW (1) THTF011N
Screw a lug terminal and tuner unit to the aluminum chassis.

7.7. Lead of Wiring (3)-2

TH-37PV600E, TH-37PX600B

Connector No.	Wire clamper No.							
	PA5	PA6	T1	T2		AC2	AC3	AC4
R-Woofer connection wire – PA1		○	○					
R-Squawker connection wire – PA1		○	○	○				
L-Woofer connection wire – PA2		○				○	○	○
L-Squawker connection wire – PA2		○				○	○	○
H40 (Tuner unit) – PA40	②							
D20 – SC20								
D25 – P25								
DG20 (Tuner unit) – PA20								
DG3 (Tuner unit) – D3								
DG5 (Tuner unit) – D5								

Connect WL connectors and SL connectors.

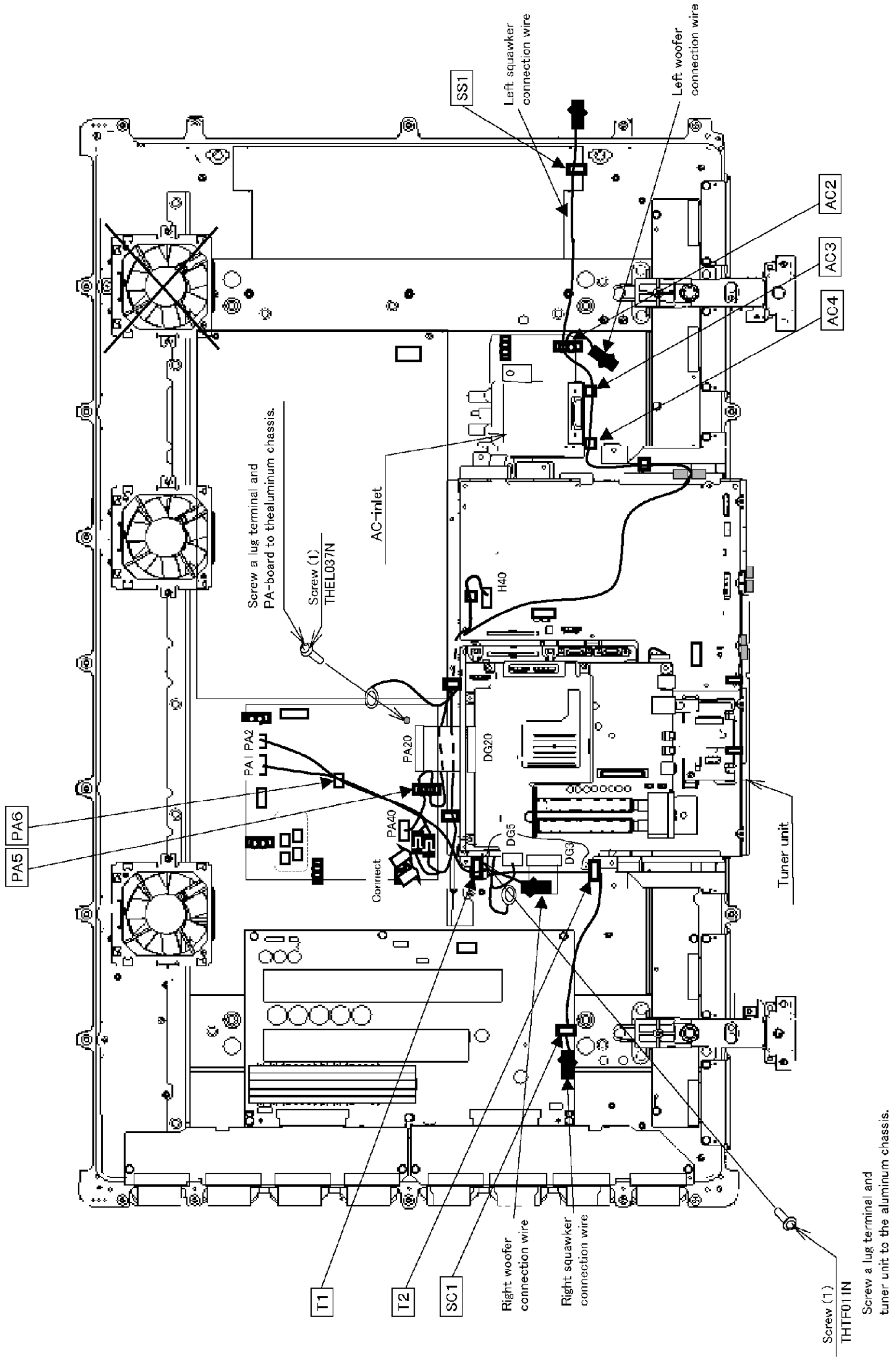
The number in the circle shows the number of times passed a clamper.

②
TWICE

7.8. Lead of Wiring (3)-3

TH-42PV600E, TH-42PX600B

The wire is dressed as shown in figure.


SS1
Left squawker connection wire
Left woofer connection wire
AC2
AC3
AC4
AC-inlet
Screw a lug terminal and PA-board to thealuminum chassis.
Screw (1) THEL037N
H40
PA20
DG20
PA1
PA2
PA6
PA5
PA40
Connect
DG5
DG3
Tuner unit
T1
T2
SC1
Right woofer connection wire
Right squawker connection wire
Screw (1) THTF011N
Screw a lug terminal and tuner unit to the aluminum chassis.

7.9. Lead of Wiring (3)-4

TH-42PV600E, TH-42PX600B

		Wire clamper No.									
		PA5	PA6	T1	T2	SC1	AC2	AC3	AC4	SS1	
R-Woofer connection wire	– PA1		○	○							
R-Squawker connection wire	– PA1		○	○	○	○					
L-Woofer connection wire	– PA2		○				○	○	○		
L-Squawker connection wire	– PA2		○				○	○	○	○	
H40 (Tuner unit)	– PA40	②									
DG20(TUNER UNIT)	– PA20										
DG3(TUNER UNIT)	– D3										
DG5(TUNER UNIT)	– D5										

Connect WL connectors and SL connectors.

The number in the circle shows the number of times passed a clamper.

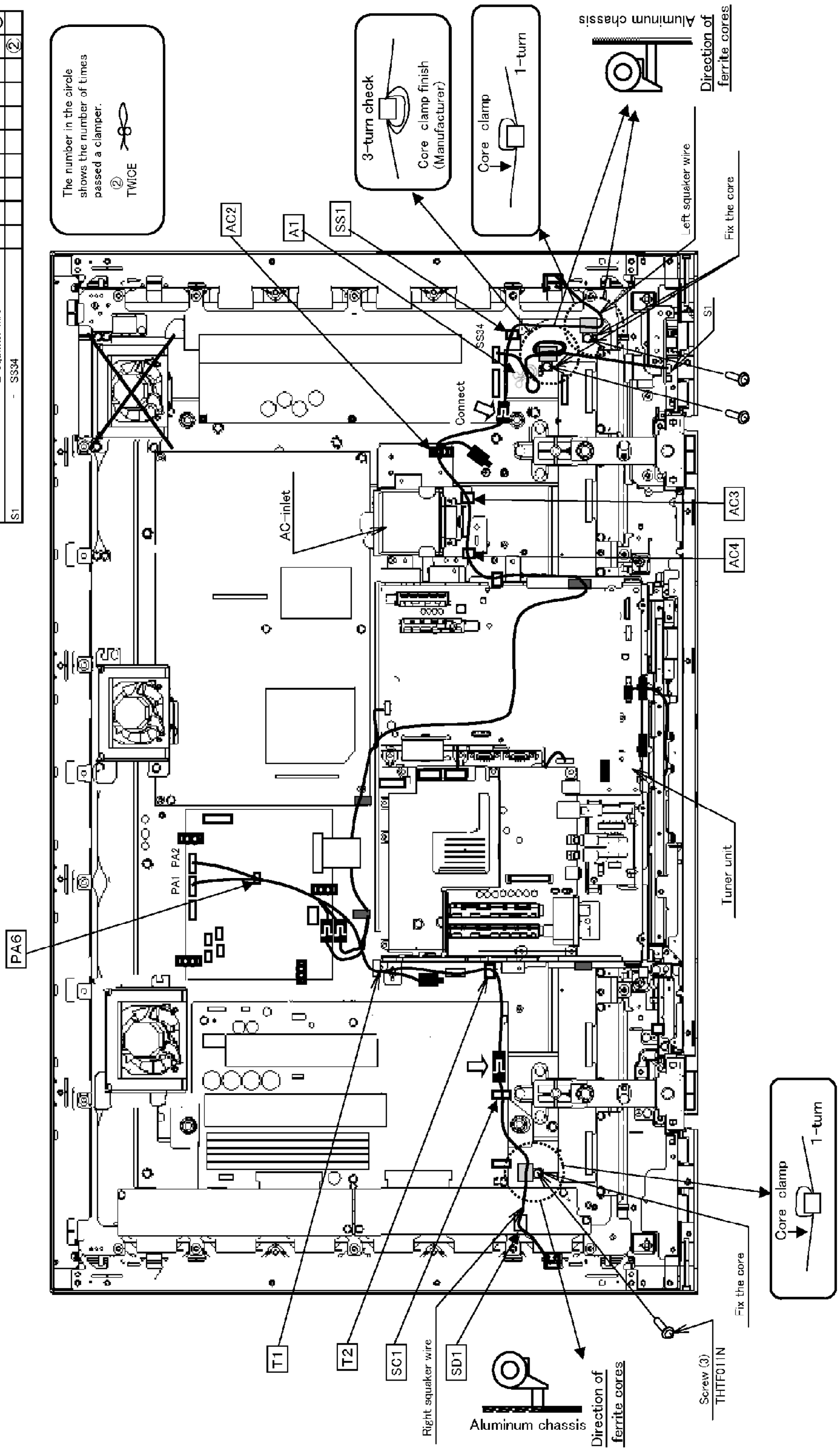
②
TWICE

7.10. Lead of Wiring (4)-1

TH-37PV600E, TH-37PX600B

The wire is dressed as shown in figure.

Connector No.		Wire clamper No. PA6	T1	T2	SC1	AC2	AC3	AC4	SD1	A1	SS1
R-Squawker connection wire	– PA1	○	○	○							
	– R-Squwker wire				○				○		
L-Squawker connection wire	– PA2	○				○	○	○			
	– L-Squvker wire										○
S1	- SS34									②	


The number in the circle shows the number of times passed a clamper.
② TWICE
AC2
A1
SS1
3-turn check
Core clamp finish (Manufacturer)
Core clamp
1-turn
Aluminum chassis
Direction of ferrite cores
Left squaker wire
Fix the core
S1
SS34
Connect
AC-inlet
AC3
AC4
Tuner unit
PA1
PA2
PA6
Core clamp
1-turn
Fix the core
Screw (3) THTF011N
T1
T2
SC1
Right squaker wire
SD1
Aluminum chassis
Direction of ferrite cores

7.11. Lead of Wiring (4)-2

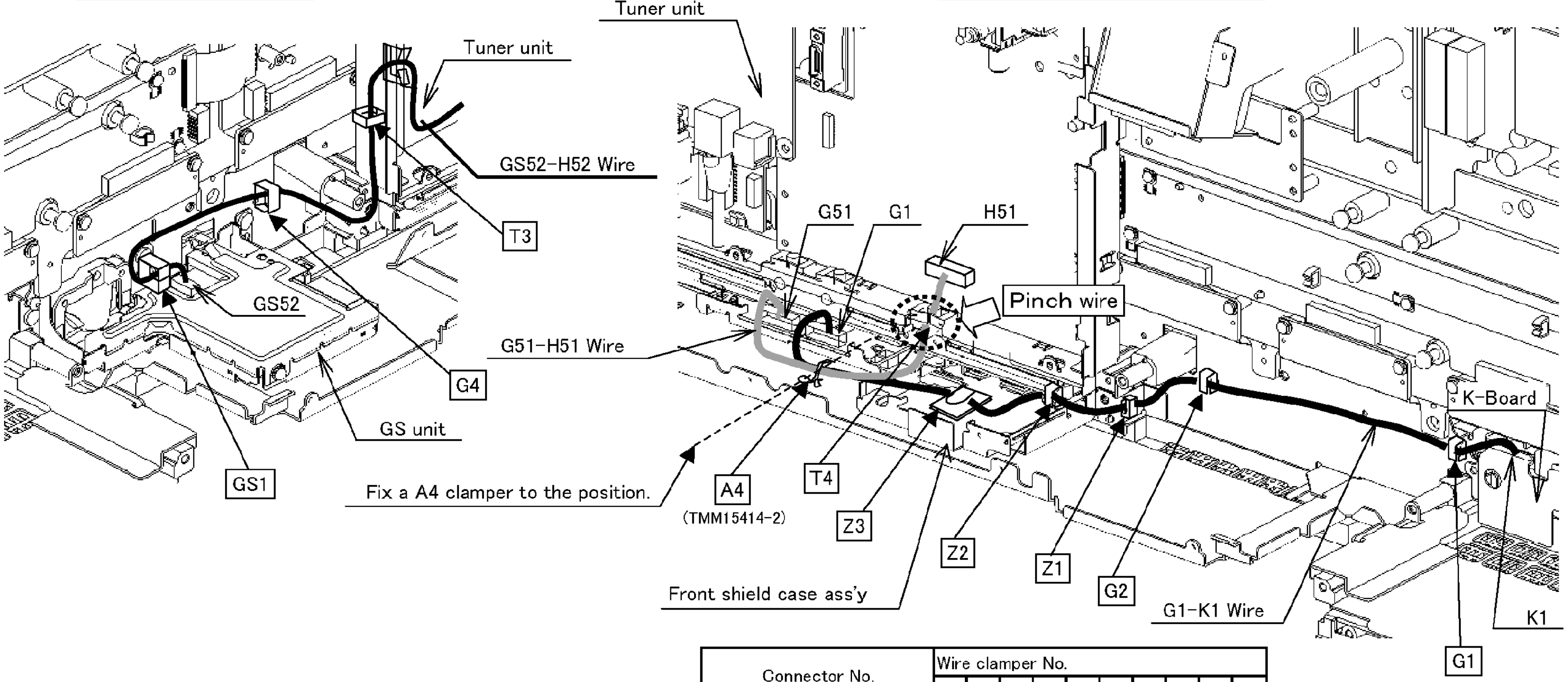
7.12. Lead of Wiring (4)-3

TH-37PV600E, TH-37PX600B

The wire is dressed as shown in figure.

Wire dressing of GS unit

Wire dressing of front shield case


Tuner unit
Tuner unit
GS52-H52 Wire
T3
GS52
G4
G51-H51 Wire
GS unit
GS1
Fix a A4 clamper to the position.
G51
G1
H51
Pinch wire
A4
(TMM15414-2)
T4
Z3
Z2
Z1
G2
Front shield case ass'y
G1-K1 Wire
K-Board
K1
G1

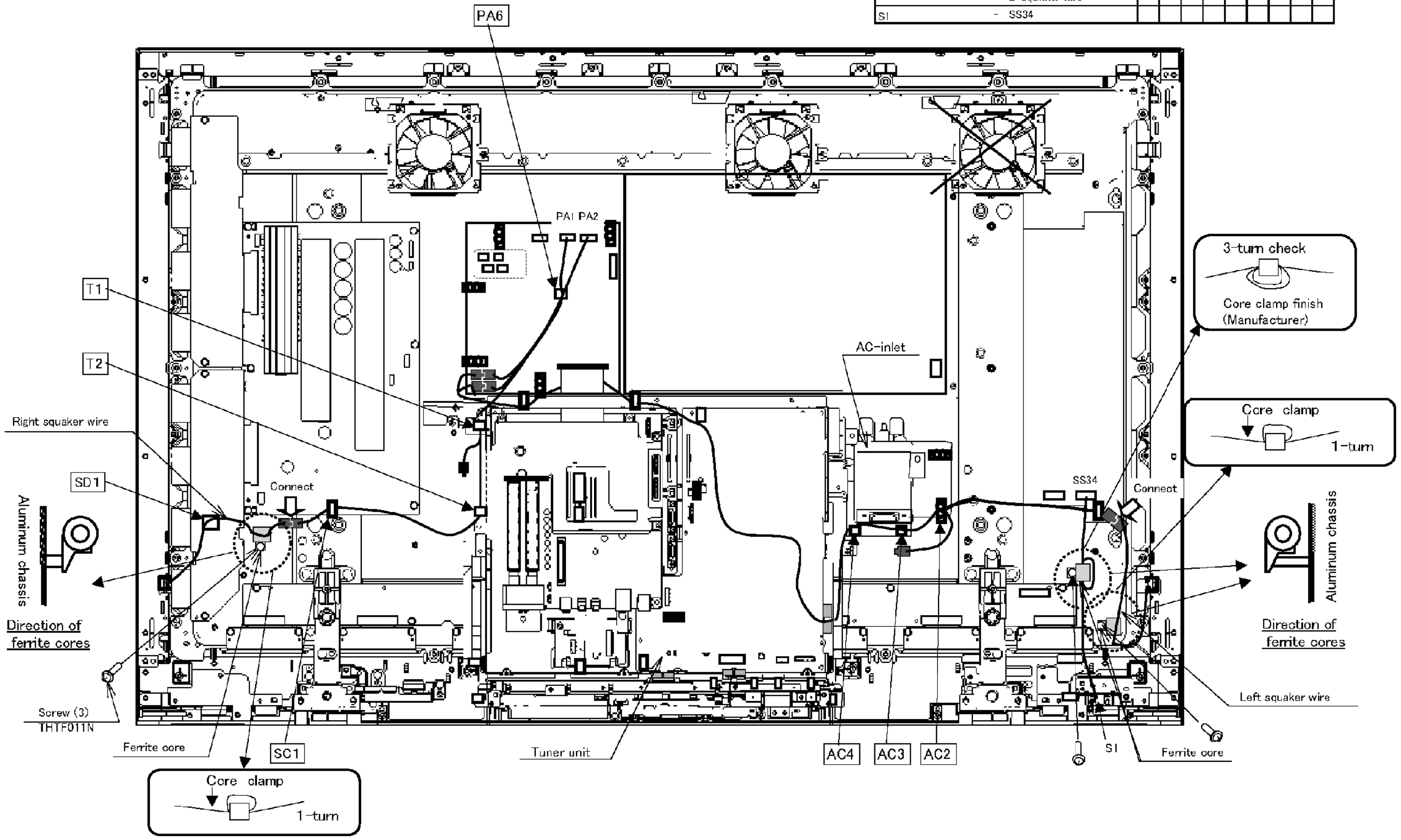
Connector No.	Wire clamper No.									
	G1	G2	Z1	Z2	Z3	GS1	G4	T3	T4	A4
GS52 – H52 (Tuner unit)						○	○	○		
G51 – H51									○	○
G1 – K1	○	○	○	○	○					○

7.13. Lead of Wiring (4)-4

TH-42PV600E, TH-42PX600B

The wire is dressed as shown in figure.

Connector No.		Wire clamper No.								
		PA6	T1	T2	SC1	AC2	AC3	AC4	SD1	
R-Squawker connection wire	– PA1	○	○	○	○					
	– R-Squwker wire								○	
L-Squawker connection wire	– PA2					○	○	○		
	– L-Squwker wire									
S1	- SS34									


PA6
PA1 PA2
T1
T2
AC-inlet
3-turn check
Core clamp finish
(Manufacturer)
Core clamp
1-turn
Right squaker wire
SD1
Connect
SS34
Connect
Aluminum chassis
Direction of ferrite cores
Aluminum chassis
Direction of ferrite cores
Left squaker wire
Screw (3)
THTF011N
Ferrite core
SC1
Core clamp
1-turn
Tuner unit
AC4
AC3
AC2
S1
Ferrite core

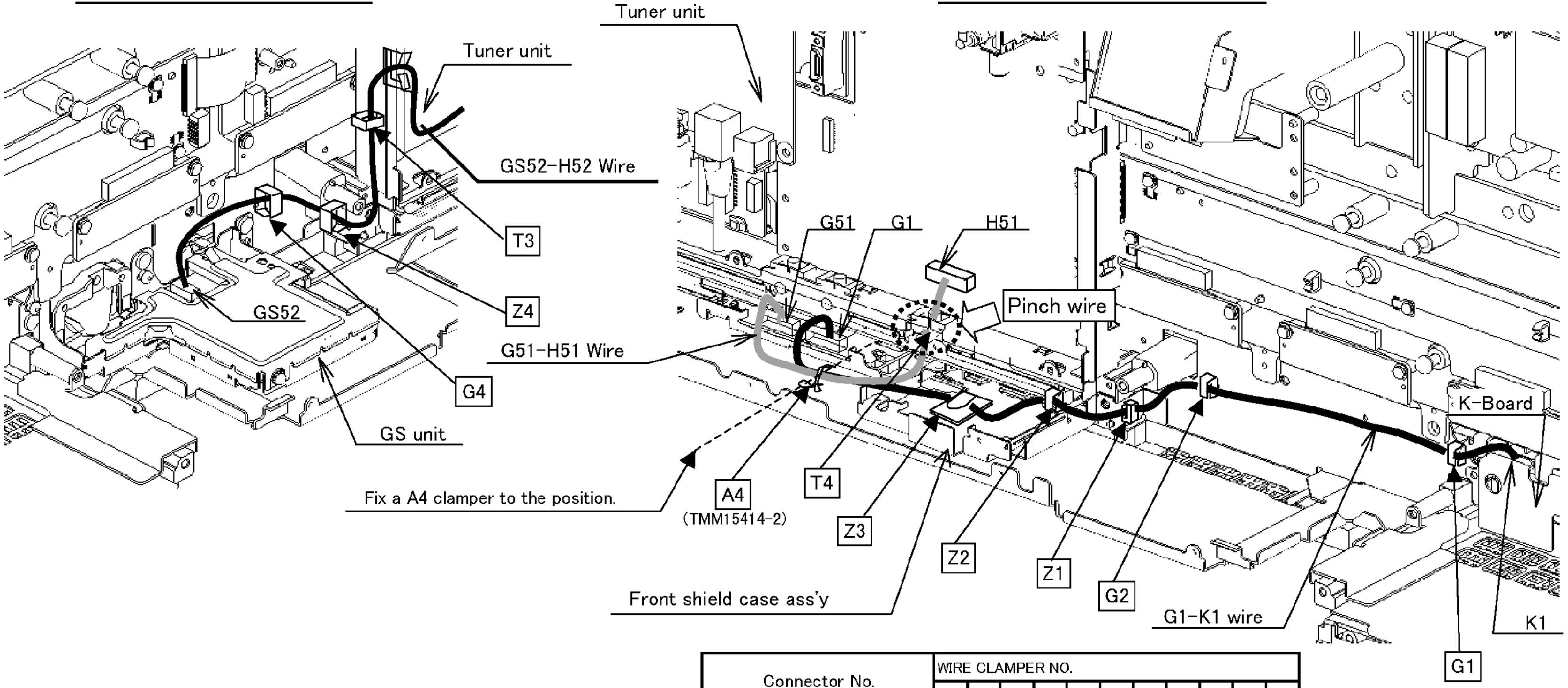
7.14. Lead of Wiring (5)-1

TH-42PV600E, TH-42PX600B

The wire is dressed as shown in figure.

WIRE DRESSING OF GS UNIT

Wire dressing of front shield case



Tuner unit
GS52-H52 Wire
T3
Z4
GS52
G4
G51-H51 Wire
GS unit
Tuner unit
G51
G1
H51
Pinch wire
K-Board
A4
(TMM15414-2)
T4
Z3
Z2
Z1
G2
G1-K1 wire
K1
G1
Front shield case ass'y

Fix a A4 clamper to the position.

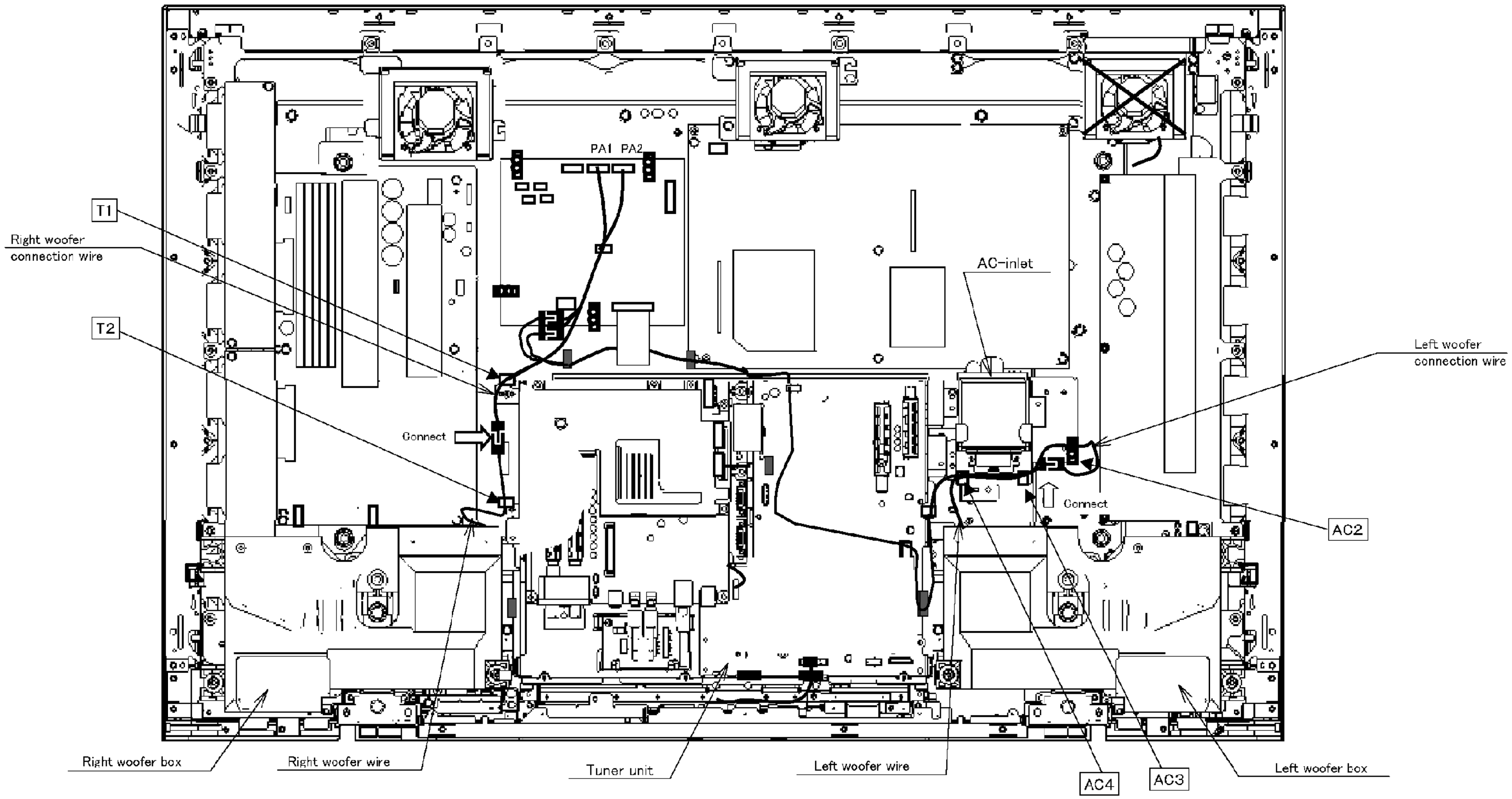
Connector No.	WIRE CLAMPER NO. G1	G2	Z1	Z2	Z3	Z4		G4	T3	T4	A4
GS52 – H52 (Tuner unit)						○		○	○		
G51 – H51										○	○
G1 – K1	○	○	○	○	○						○

7.15. Lead of Wiring (5)-2

TH-37PV600E, TH-37PX600B

The wire is dressed as shown in figure.

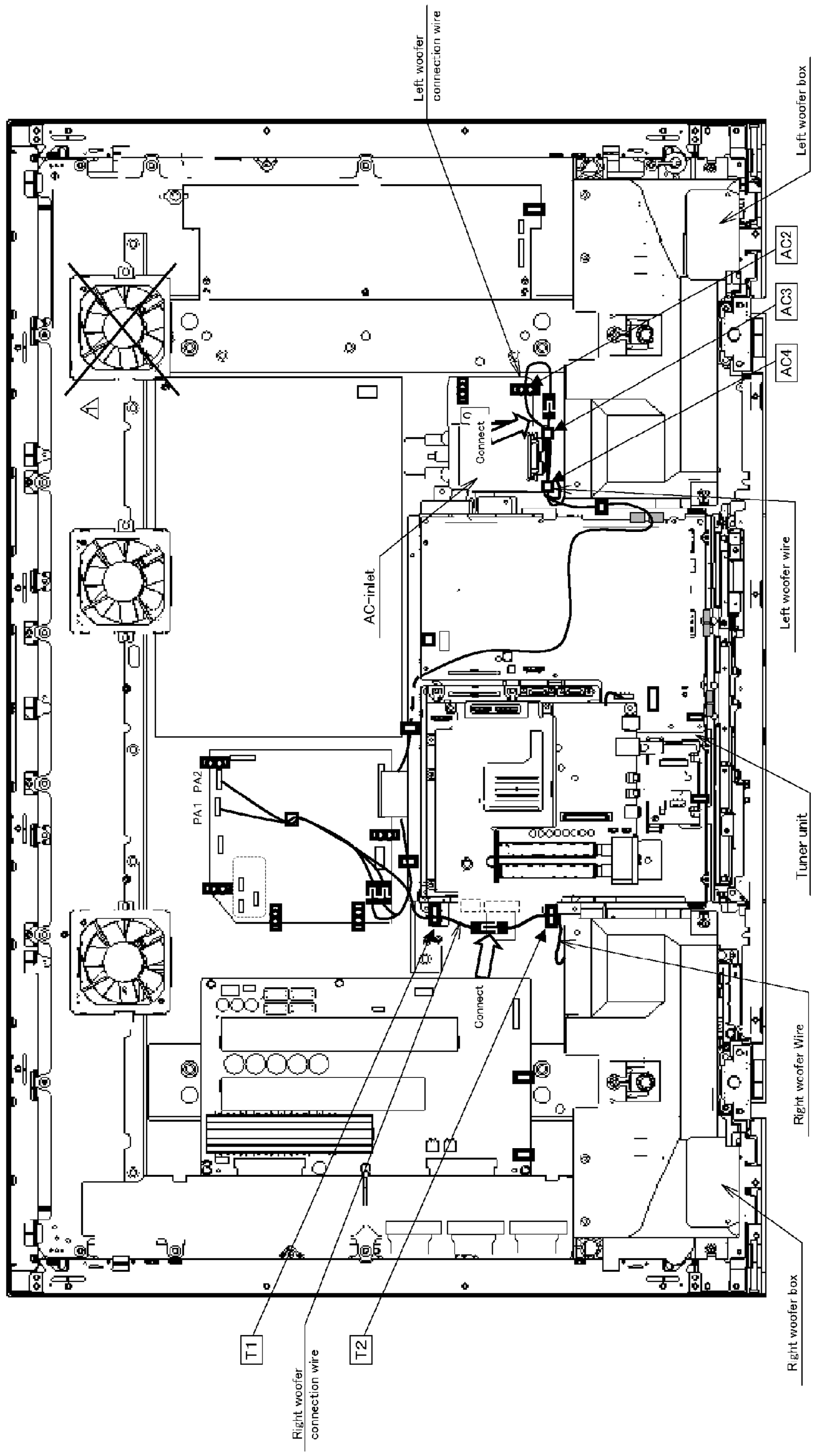
Connector No.		Wire clamper No.				
		T1	T2	AC2	AC3	AC4
R-woofer connection wire	– PA1	○				
	– R-woofer wire		○			
L-woofer connection wire	– PA2			○	○	○
	– L-woofer wire				○	○


T1
Right woofer connection wire
T2
Connect
PA1
PA2
AC-inlet
Left woofer connection wire
Connect
AC2
Right woofer box
Right woofer wire
Tuner unit
Left woofer wire
AC4
AC3
Left woofer box

TH-42PV600E, TH-42PX600B

The wire is dressed as shown in figure.

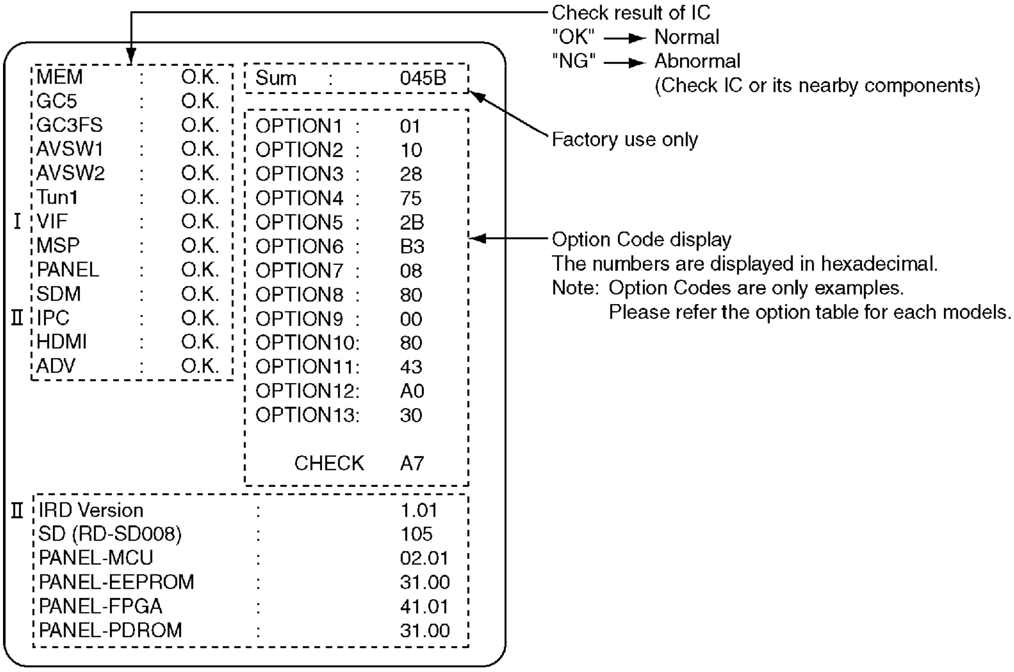
Connector No.		Wire clamper No. T1	T2	AC2	AC3	AC4
R-woofer connection wire	– PA1	○				
	– R-woofer wire		○			
L-woofer connection wire	– PA2			○	○	○
	– L-woofer wire				○	○


Left woofer connection wire
Left woofer box
AC2
AC3
AC4
Connect
AC-inlet
Left woofer wire
PA1
PA2
Tuner unit
Connect
Right woofer Wire
T1
Right woofer connection wire
T2
Right woofer box

8. Self Check

1. Self-Check is used to automatically check the bus lines and hexadecimal code of the TV set.

2. To get into the Self -Check mode press the Down (—/∨) button on the customer controls at the front of the set, at the same time pressing the Information button on the remote control, and the screen will show :



```
   MEM      :   O.K.    Sum    :      045B
   GC5      :   O.K.
   GC3FS    :   O.K.    OPTION1 :     01
   AVSW1    :   O.K.    OPTION2 :     10
   AVSW2    :   O.K.    OPTION3 :     28
   Tun1     :   O.K.    OPTION4 :     75
I  VIF      :   O.K.    OPTION5 :     2B
   MSP      :   O.K.    OPTION6 :     B3
   PANEL    :   O.K.    OPTION7 :     08
   SDM      :   O.K.    OPTION8 :     80
II IPC      :   O.K.    OPTION9 :     00
   HDMI     :   O.K.    OPTION10:     80
   ADV      :   O.K.    OPTION11:     43
                        OPTION12:     A0
                        OPTION13:     30

                           CHECK      A7

II IRD Version            :           1.01
   SD (RD-SD008)          :           105
   PANEL-MCU              :           02.01
   PANEL-EEPROM           :           31.00
   PANEL-FPGA             :           41.01
   PANEL-PDROM            :           31.00
```

Check result of IC
"OK" → Normal
"NG" → Abnormal
(Check IC or its nearby components)
Factory use only
Option Code display
The numbers are displayed in hexadecimal.
Note: Option Codes are only examples.
Please refer the option table for each models.

I : PV600E only
II : PX600B only

If the CCU ports have been checked and found to be incorrect or not located then "--" will appear in place of "O.K.".

Display	Ref.No.	Description	Board
MEM	IC1102	EEPROM	DG-Board
GC5	IC4037	GC5 Processor	DG-Board
GC3FS	IC4020	Global Core for Sub	DG-Board
AVSW1	IC3005	Video SW	H-Board
AVSW2	IC2105	Audio SW	H-Board
Tun1	TU001	Tuner	TA-Board
VIF	-	-	-
MSP	IC2106	Multi Sound Processor	H-Board
PANEL	IC9003	Convert Micon	D-Board
SDM	SD-Module	MPEG4/PHOTO View, SD recording	SD-Board
IPC	IC8013	PEAKS Lite	XV-Board
HDMI	IC4026	HDMI I/F Receiver	DG-Board
ADV	IC4019	10bit A/D	DG-Board

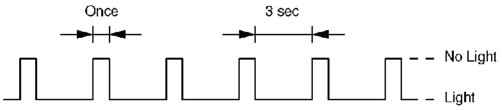
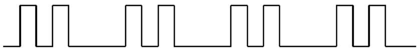
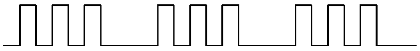
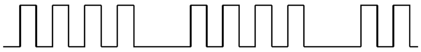
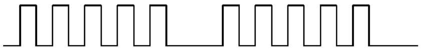
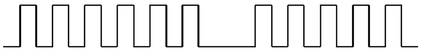
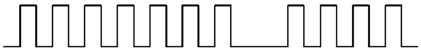
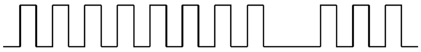
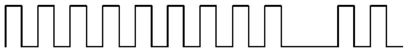
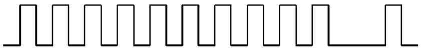
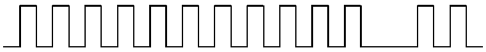
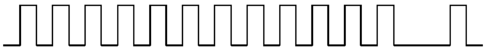
8.1. Power LED Blinking timing chart

1. Subject

Information of LED Flashing timing chart.

2. Contents

When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinkes of the Power LED on the front panel of the unit.

Blinking Times	Blinking timing	Contents	Check point
1		No particalar check point	-
2		15V SOS	D-Board
3		3.3V SOS	D-Board
4		Power SOS	P-Board
5		5V SOS	D-Board
6		Driver SOS1 (SC Energy recovery circuit)	SU-Board SD-Board SC-Board
7		Driver SOS2 (SC floating voltage area)	SU-Board SD-Board SS-Board
8		Driver SOS3 (SS Energy recovery circuit)	SS-Board
9		Panel Status	-
10		PA SOS Tuner SOS	PA-Board H-Board
11		Fan SOS	Fan
12		Sound SOS	PA-Board

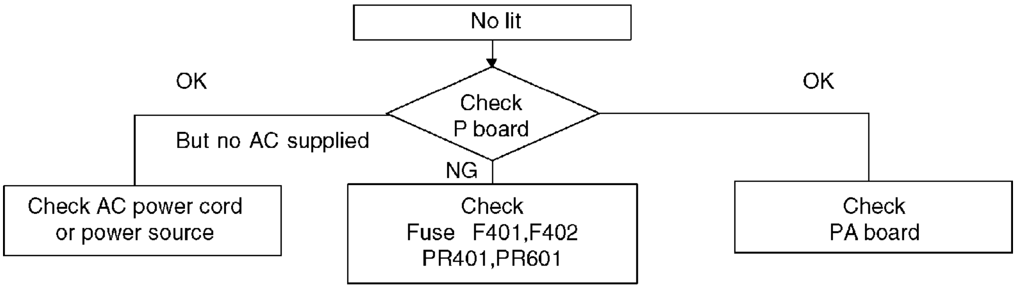
8.2. No Power

[First check point]

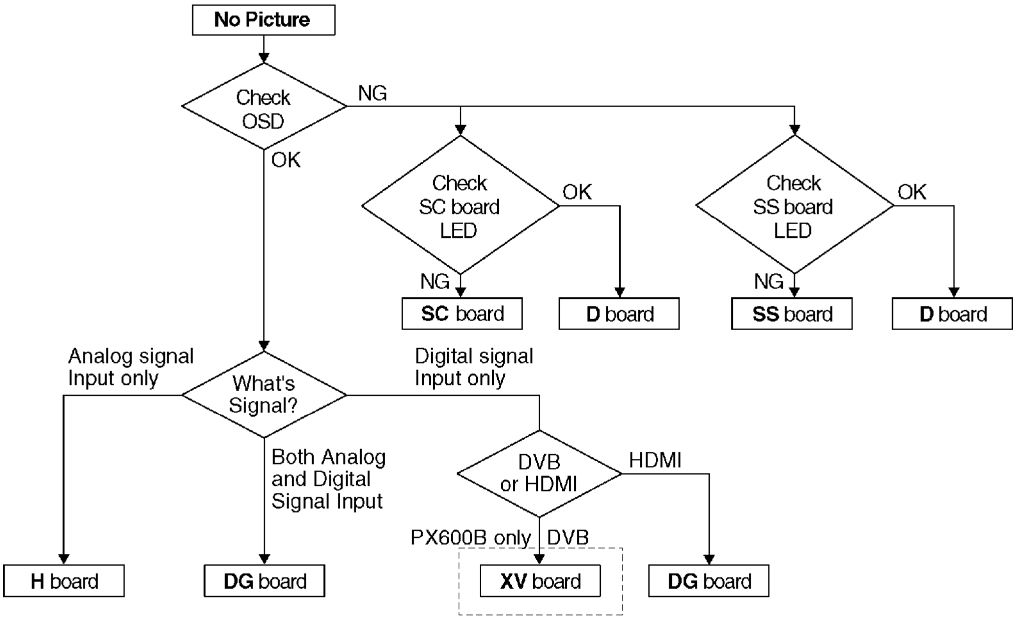
There are following 3 states of No Power indication by power LED.

1. No lit

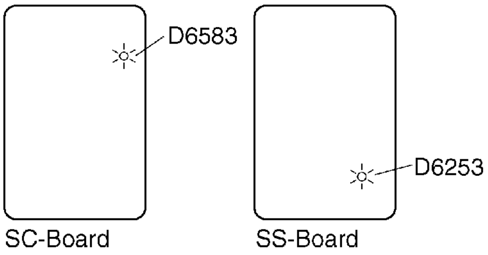
2. Red is lit then turns red blinking a few seconds later. (Sec.8.1)


No lit
Check P board
OK
But no AC supplied
Check AC power cord or power source
NG
Check Fuse F401,F402 PR401,PR601
OK
Check PA board

8.3. No Picture


No Picture
Check OSD
NG
OK
Check SC board LED
OK
NG
SC board
D board
Check SS board LED
OK
NG
SS board
D board
Analog signal Input only
What's Signal?
Digital signal Input only
Both Analog and Digital Signal Input
DVB or HDMI
HDMI
PX600B only
DVB
H board
DG board
XV board
DG board

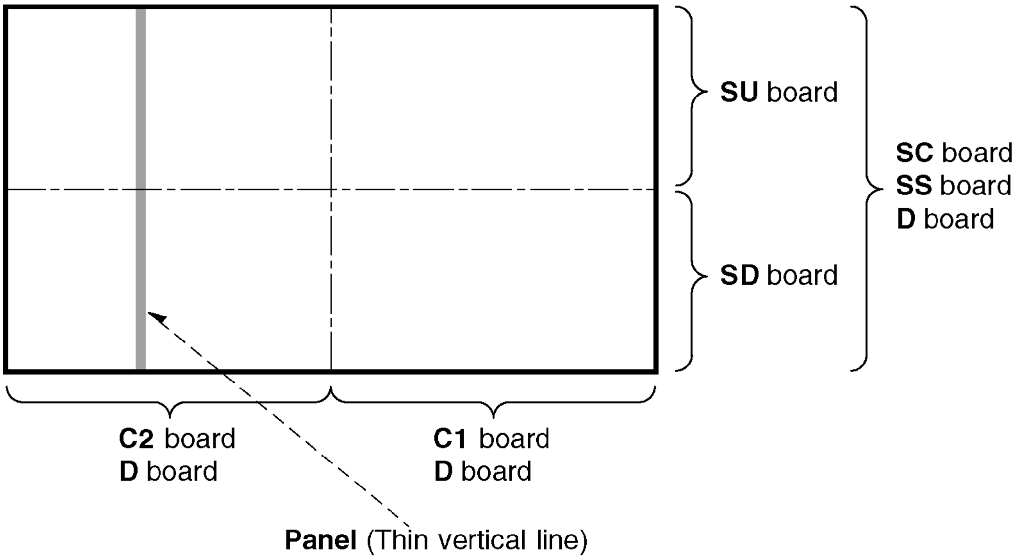
Drive circuits LED indicator


D6583
D6253
SC-Board
SS-Board

8.4. Local screen failure

Plasma display may have local area failure on the screen. Fig-1 is the possible defect P.C.B. for each local area.

Fig-1


SU board
SC board
SS board
D board
SD board
C2 board
D board
C1 board
D board
Panel (Thin vertical line)

<Local screen failure chart>

9. Service Mode Function

MPU controls the functions switching for each IICs through IIC bus in this chassis. The following setting and adjustment can be adjusted by remote control in Service Mode.

9.1. How to enter SERVICE 1

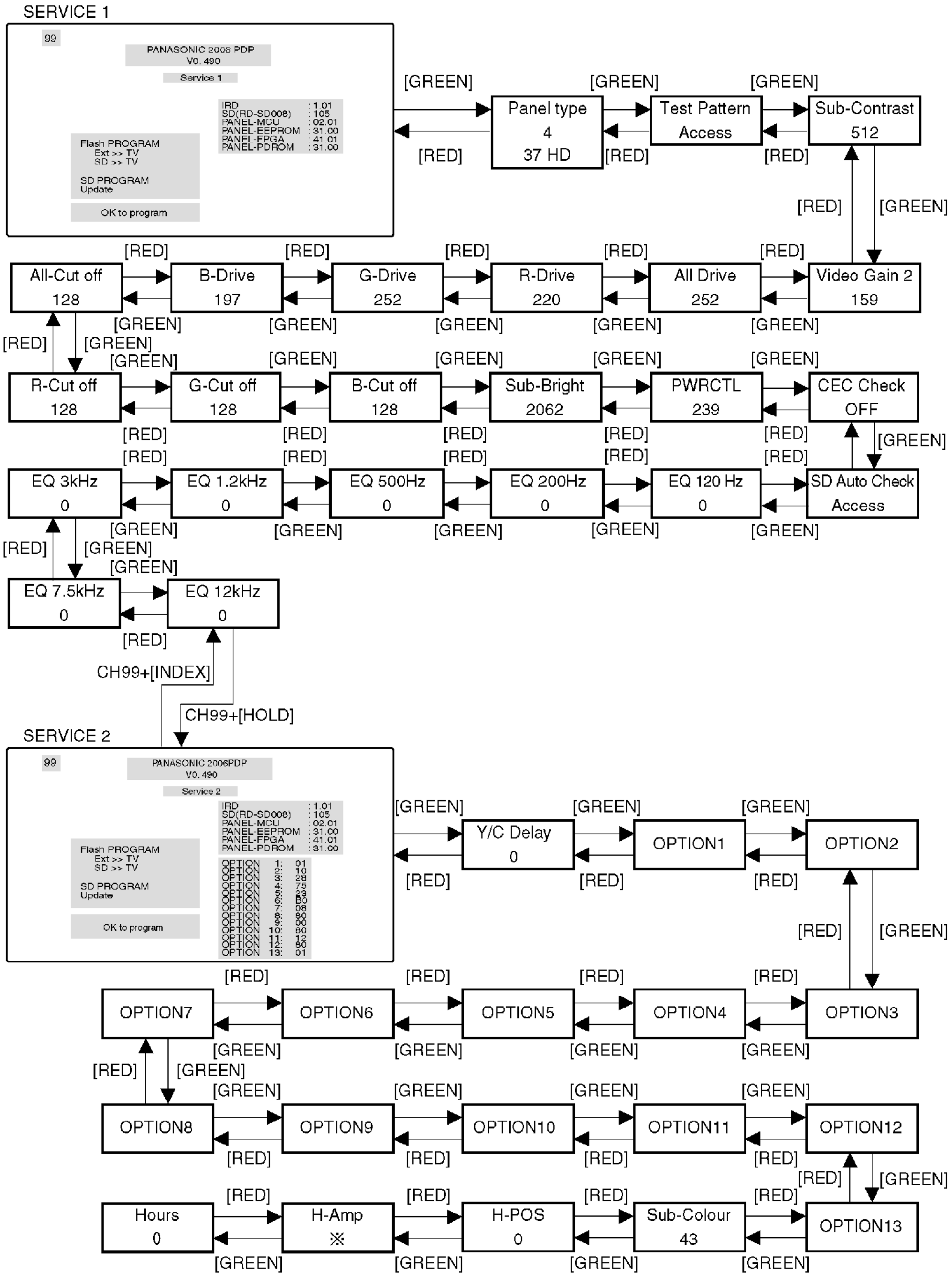
1. **In sound menu, set BASS to MAXIMUM, and set TREBLE to MINIMUM.**
2. **Simultaneously press INDEX button on remote control and DOWN button [—/∨] on the TV set.**

9.2. How to enter SERVICE 2

1. **Set the channel to CH99.**
2. **Select the EQ 12kHz.**
3. **Press HOLD button on remote control.**

Note:

To exit to Service mode, press EXIT or Power button on remote control.



SERVICE 1

99

PANASONIC 2006 PDP
V0. 490

Service 1

```
IRD             : 1.01
SD(RD-SD008)    : 105
PANEL-MCU       : 02.01
PANEL-EEPROM    : 31.00
PANEL-FPGA      : 41.01
PANEL-PDROM     : 31.00
```

Flash PROGRAM
Ext >> TV
SD >> TV

SD PROGRAM
Update

OK to program

SERVICE 2

99

PANASONIC 2006PDP
V0. 490

Service 2

```
IRD             : 1.01
SD(RD-SD008)    : 105
PANEL-MCU       : 02.01
PANEL-EEPROM    : 31.00
PANEL-FPGA      : 41.01
PANEL-PDROM     : 31.00
```

```
OPTION   1:  01
OPTION   2:  10
OPTION   3:  28
OPTION   4:  75
OPTION   5:  23
OPTION   6:  B0
OPTION   7:  08
OPTION   8:  80
OPTION   9:  00
OPTION  10:  80
OPTION  11:  12
OPTION  12:  80
OPTION  13:  01
```

Flash PROGRAM
Ext >> TV
SD >> TV

SD PROGRAM
Update

OK to program

[GREEN]
[RED]
Panel type
4
37 HD
Test Pattern
Access
Sub-Contrast
512
Video Gain 2
159
All Drive
252
R-Drive
220
G-Drive
252
B-Drive
197
All-Cut off
128
R-Cut off
128
G-Cut off
128
B-Cut off
128
Sub-Bright
2062
PWRCTL
239
CEC Check
OFF
SD Auto Check
Access
EQ 120 Hz
0
EQ 200Hz
0
EQ 500Hz
0
EQ 1.2kHz
0
EQ 3kHz
0
EQ 7.5kHz
0
EQ 12kHz
0
CH99+[INDEX]
CH99+[HOLD]
Y/C Delay
0
OPTION1
OPTION2
OPTION3
OPTION4
OPTION5
OPTION6
OPTION7
OPTION8
OPTION9
OPTION10
OPTION11
OPTION12
OPTION13
Sub-Colour
43
H-POS
0
H-Amp
※
Hours
0

※ : This item appears when "component" selecting

Key Command
·Press the **RED/GREEN** button to step up/down through the functions.
·Press the **YELLOW/BLUE** button to change the function values.
·Press the **OK** button after each adjustment has been mode to store the required values.

9.3. Option Description

		PV600E	PX600B		
option1		4F	01		
	b0	1	1	Colour system	Auto(1)
	b1	1	0		SECAM(1)
	b2	1	0		NTSC(1)
	b3	1	0		M.NTSC(1)
	b4	0	0	A2 select 6.5MHz	5.742MHz(0) 6.742MHz(1)
	b5	0	0	SIF	I only(0), BG only(1)
	b6	1	0		I/BG/DK/L(2), BG/DK(3)
	b7	0	0	free	
option2		11	10		
	b0	1	0	A2 enable	enable(1)
	b1	0	0		not use
	b2	0	0		not use
	b3	0	0		not use
	b4	1	1	NICAM enable	enable(1)
	b5	0	0		not use
	b6	0	0		not use
	b7	0	0		not use
option3		3A	28		
	b0	0	0	SASO enable	SASO enable(1)
	b1	1	0	Fine tuning	Enable(1)
	b2	0	0	Search speed	Slow(1) Fast(0)
	b3	1	1	Tuner	MACO tuner (1), Others (0)
	b4	1	0	HYPER	UHF only (0), UHF/VHF (1)
	b5	1	1	IF I2C	I2C controlled Tuner IF module (1)
	b6	0	0	NICAM C4 bit	enable(1)
	b7	0	0	Blue Back	BLUE BACK on/off selection in menu(0)
option4		D9	75		
	b0	1	1	Aspect AUTO	enable(1)
	b1	0	0	S1/S2 enable	enable(1)
	b2	0	1	ID-1	enable(1)
	b3	1	0	User aspect Just	enable(1)
	b4	1	1	User aspect 14:9	enable(1)
	b5	0	1	ALBD 14:9	14:9 enable, Zoom3 disable at self wide(1)/ Zoom1, Zoom3 enable at self wide (0)
	b6	1	1	TEXT	enable(1)
	b7	1	0	TEXT TOP	TOP enable (1)
option5		2B	2B		
	b0	1	1	CH Blanking	Blanking enable (1)
	b1	1	1	AV Blanking	Blanking enable (1)
	b2	0	0	Noise mute	Noise mute enable(0)
	b3	1	1	sub picture	without sub-picture(0), with sub-picture(1)
	b4	0	0	2tuner	2tuner(1),1tuner(0)
	b5	1	1	AV Input	3rotation(1) / 2rotation without front RCA (0)
	b6	0	0	Panel (LCD)	Samsung Panel(1)/SHARP Panel(0)
	b7	0	0	Large size (LCD)	32(1)/26(0) for LCD
option6		AB	B3		
	b0	1	1	SD module	with SD module (1)
	b1	1	1	SD module Ext.Rec(PAL)	enable(1)
	b2	0	0	SD module Ext.Rec(NTSC)	enable(1)
	b3	1	0	SD module Ext.Rec(SECAM)	enable(1)
	b4	0	1	IDTV	enable(1)
	b5	1	1	HDMI	enable(1)
	b6	0	0	Ext. HV input	without HV input(0) / with HV input(1)
	b7	1	1	PC	enable(1)
option7		00	08		
	b0	0	0	Asia	Asia(1),europe(0)
	b1	0	0	Australia	not use
	b2	0	0	Ireland/India	Ireland(1)
	b3	0	1	UK/Korea	UK(1)
	b4	0	0	Lang1	not use
	b5	0	0	Lang2	not use
	b6	0	0	Lower POS	not use
	b7	0	0	Owner ID	not use

		PV600E	PX600B		
option8		78	80	**Euro option**	
	b0	0	0	ACI all country	ACI enable(1), only Netherlands(0)
	b1	0	0	ACI auto MP	ACI auto multi package enable (1)
	b2	0	0	ACI offset	ACI offset for VCR prog. enable(1)
	b3	1	0	Power up EC-Mode	Power on EC enable (1)
	b4	1	0	AVLink	Q-Link off selectable in menu (1)
	b5	1	0	Volume correction	TV Volume coorrection enable (1)
	b6	1	0	MPX/NICAM display	Display NICAM (0), Display MPX (1)
	b7	0	1	Albd Reset Off	enable(1)
option9		00	00		
	b0	0	0	CH Plan	ASIA / M.E. / HK/UK / CHINA(1)
	b1	0	0		NZ/INDNES(1)
	b2	0	0		AUSTRALIA(1)
	b3	0	0		E.EUROPE(1)
	b4	0	0		SPECIAL(1)
	b5	0	0		AMERICA(1)
	b6	0	0		CATV(1)
	b7	0	0		JAPAN(1)
option10		80	80		
	b0	0	0	NICAM priority	ASIA/M.E.(1)
	b1	0	0		HK/UK(1)
	b2	0	0		CHINA(1)
	b3	0	0		NZ/INDN(1)
	b4	0	0		AUSTRA(1)
	b5	0	0		E.EURO(1)
	b6	0	0		SPECIAL(1)
	b7	1	1	HDMI AVI Aspect	enable(1)
option11		43	43	**Additional**	
	b0	1	1	Remocon Type	Delux(1) / Leader(0)
	b1	1	1	Environment AI (PDP)	enable, with viewing mode auto (1) / disable, without viewing mode auto(0)
	b2	0	0	WSS14:9 off	WSS 14:9 off (1)
	b3	0	0	Child lock	Child Lock on:Tuning Menu skip(1)
	b4	0	0		
	b5	0	0	Contrast AI	enable(1)
	b6	1	1	Service H-POS	enable(1)
	b7	0	0	Service V-VOS	enable(1)
option12		20	A0	**Additional**	
	b0	0	0	last memory of aspect	each source(1) / ALL source(0)
	b1	0	0	Reserved	
	b2	0	0	TEXT Ch Refresh	refresh enable(1) / disenable(0)
	b3	0	0	STILL	1:Disable / 0:Enable
	b4	0	0	LATIN	Latin:SAP/Fixed SIF4.5MHz/PAL-M,N/CC/Black level/Language
	b5	1	1	SRS	enable(1)
	b6	0	0	HDMI Quali TV	enable(0)
	b7	0	1	HDMI EC function	enable(1)
option13		20	30	**Additional**	
	b0	0	0	DVB ALBD	enable(1)
	b1	0	0	HDMI port	enable(0) 2 ports model/(1)1port model (only for TV MCU port setting)
	b2	0	0	HDMI format error OSD	display(0)/not display(1)
	b3	0	0	CEC control	enable(0)
	b4	0	1	Aspect 4:3 FULL	enable(0)
	b5	1	1	FTZ	enable(1)
	b6	0	0		
	b7	0	0		

10. Adjustment Procedure

10.1. Driver Set-up

10.1.1. Item / Preparation

1. **Input a white signal to plasma video input.**
2. **Set the picture controls as follows.**
   Picture menu: Dynamic
   P-NR: OFF
   Aspect: 16:9

Caution

1. **First perform Vsus adjustment.**
2. **Confirmation of Vscn voltage should be performed after confirmation of Vad adjustment.**

When Vad=-105V, Voltage of Vscn is 35V ±4V.

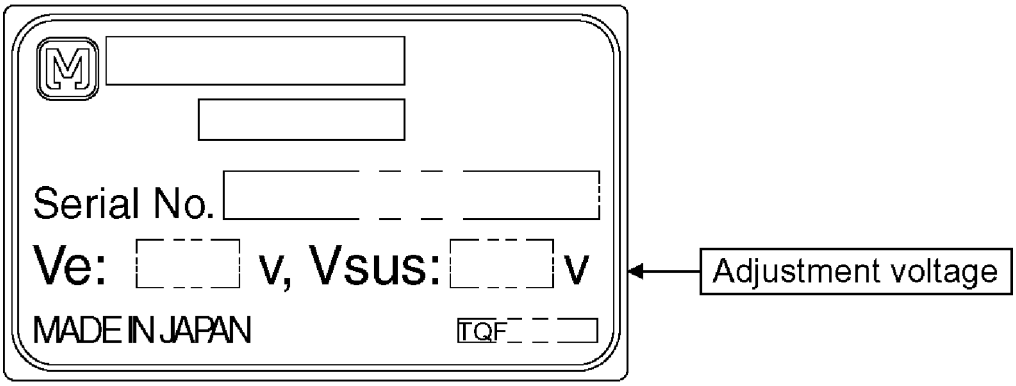
10.1.2. Adjustments

Adjust driver section voltages referring the panel data on the panel data label.
Check or adjust the following voltages with the multimeter.

Name	Test Point	Voltage	Volume	Remarks
Vsus	TPVSUS (SS)	Vsus ± 2V	R628 (P)	*
Ve	TPVE (SS)	Ve ± 2V	VR6000 (SS)	*
Vset	TPVSET (SC)	260V ± 7V	Fixed	
Vad	TPVAD (SC)	-105V ± 1V	VR6600 (SC)	
Vscn	TPVSCN (SC)	Vad+140V ± 4V	Fixed	
Vda	TPVDA (SS)	75V ± 1V	Fixed	
Vdat	P12-1, 5 (P)	75.5V ± 0.1V	R665 (P)	
PFC	C446 (+) (-)	396V ± 0.5V	R443 (P)	

***See the Panel label.**

Panel Label information



10.2. Initialization Pulse Adjust

1. Input the White signal to plasma video input.

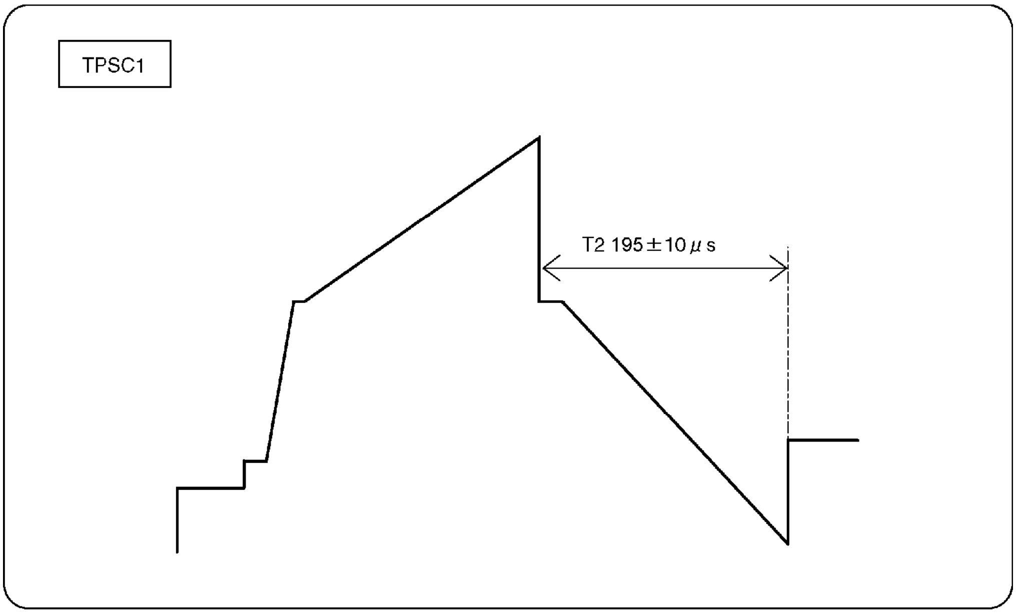
2. Set the picture controls as follows.

Picture menu : Dynamic
P-NR : OFF
Aspect : 16:9

3. Connect Oscilloscope to TPSC1 (T2) and adjust VR6602 for 195+10

μ Sec.

	Test point	Volume	Level
T2	TPSC1 (SC)	VR6602 (SC)	195 ± 10 μ Sec



10.3. P.C.B. (Printed Circuit Board) exchange

10.3.1. Caution

1. To remove P.C.B. , wait 1 minute after power was off for discharge from electrolysis capacitors.

10.3.2. Quick adjustment after P.C.B. exchange

Adjust the following voltages with the multimeter.

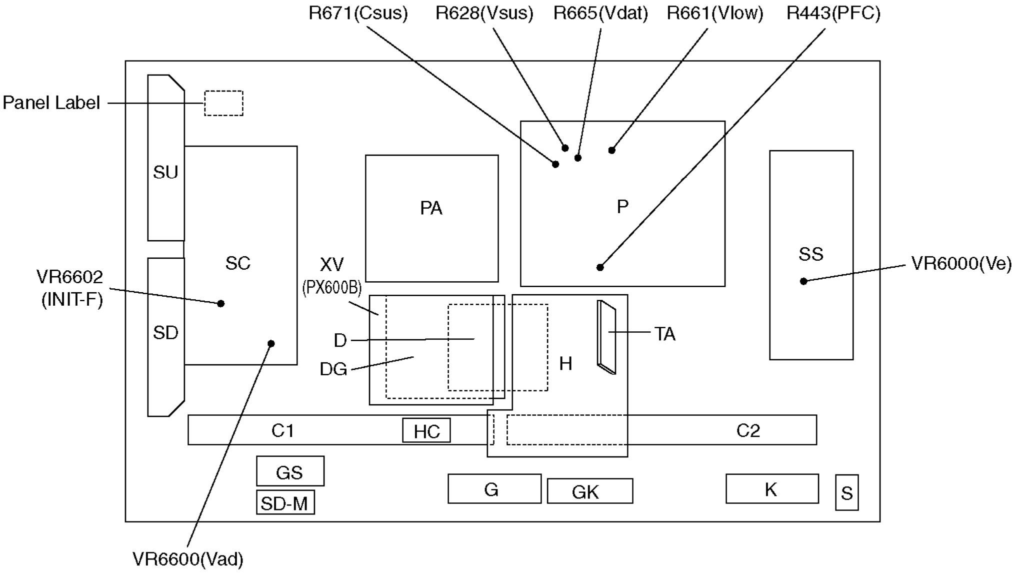
P.C.B.	Name	Test Point	Voltage	Volume	Remarks
P Board	Vsus	TPVSUS (SS)	Vsus ± 2V	R628 (P)	*
	Vdat	P12-1, 5 (P)	75.5V ± 0.1V	R665 (P)	
	PFC	C446 (+) (-) (P)	396V ± 0.5V	R443 (P)	
SC Board	Vad	TPVAD (SC)	-105V ± 1V	VR6600 (SC)	
SS Board	Ve	TPVE (SS)	Ve ± 2V	VR6000 (SS)	*
D, DG Board	White blance and Sub brightness for NTSC, PAL, HD, PC and 625i signals				

*See the Panel label.

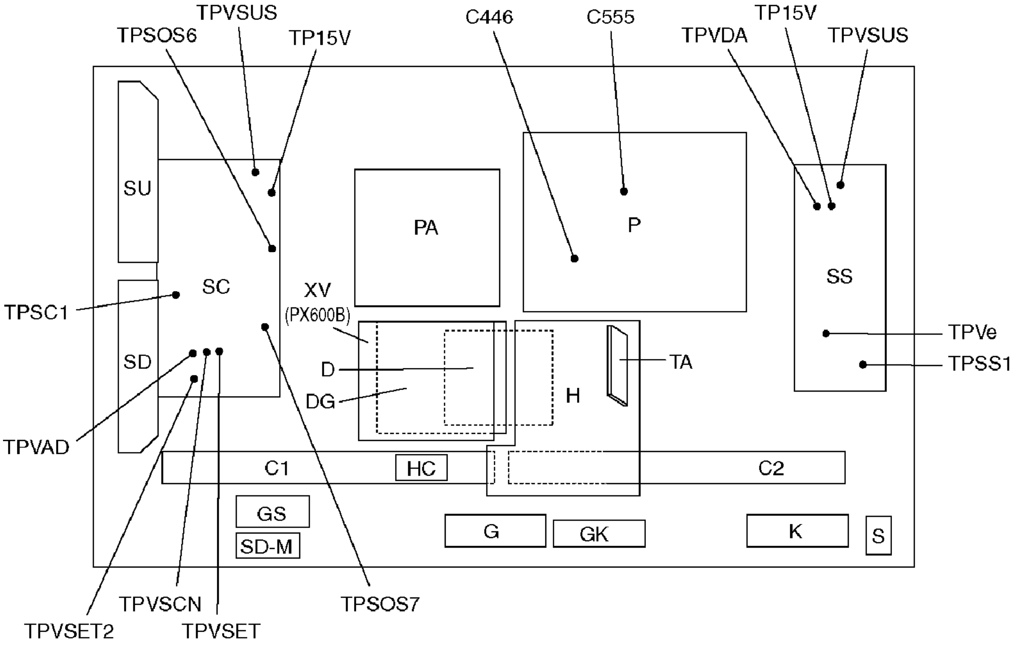
Caution:

Absolutely do not reduce Vsus below Ve not to damage the P.C.B.

10.4. Adjustment Volume Location


R671(Csus)
R628(Vsus)
R665(Vdat)
R661(Vlow)
R443(PFC)
Panel Label
SU
SC
PA
P
SS
VR6602
(INIT-F)
SD
XV
(PX600B)
D
DG
H
TA
VR6000(Ve)
C1
HC
C2
GS
SD-M
G
GK
K
S
VR6600(Vad)

10.5. Test Point Location


TPVSUS
TPSOS6
TP15V
C446
C555
TP15V
TPVDA
TPVSUS
SU
SC
PA
P
SS
TPSC1
XV
(PX600B)
SD
D
DG
H
TA
TPVe
TPSS1
TPVAD
C1
HC
C2
GS
SD-M
G
GK
K
S
TPVSCN
TPSOS7
TPVSET2
TPVSET

11. Adjustment

11.1. PAL panel white balance adjustment

Instrument Name	Connection	Remarks
-W/B pattern -Color analyzer (Minolta CA-100 or equivalent)	RF input Panel surface	User setting: Normal
Procedure		Remarks

Instrument Name	Connection	Remarks

-Asing time is longer than 15min.

-Make sure the front panel to be used on the final set is fitted.

-Make sure a color signal is not being shown before adjustment.

-Put the color analyzer where there is little colour variation.
Complete the adjustment within 10 minutes after the turn on electricity.
Turn on the power supply again when it is not possible to complete it by aging etc.

1. Display the white balance pattern.
2. Check that the color balance is “cool”.
3. Enter the <Service1> mode.
4. Select “G-CUTOFF” item, using the color-key “Red” or “Green”, and set to “128”, using the color-key “Yellow” or “Blue”.
Also, “B-CUTOFF” and “R-CUTOFF” set to “128”.
5. Set “G-DRIVE” at “224”.
6. Touch the signal receiver of color analyzer to the highlight window’s center, and adjust B drive and R drive so x, y become the “Color balance Cool” in the below table.
7. Set “ALL-DRIVE” to “252”.
8. Set colorbalance to “Normal”.
9. Fix G cutoff , B cutoff and R cutoff at “128”.
10. Fix G drive at “224”.
11. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance “Normal” in the below table.
12. Set “ALL-DRIVE” to “252”.
13. Set color balance to “Warm”.
14. Set G cutoff, B cutoff and R cutoff to “128”.
15. Set G drive to “224”.
16. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance Warm” shown in the below table.
17. Set “ALL-DRIVE” to “252”.

Table 1. Color balance target value

ColorTemperature	x	y
Cool	0.276	0.276
Normal	0.288	0.296
Warm	0.313	0.329

Table 2, Cut-off data addresses (PAL)

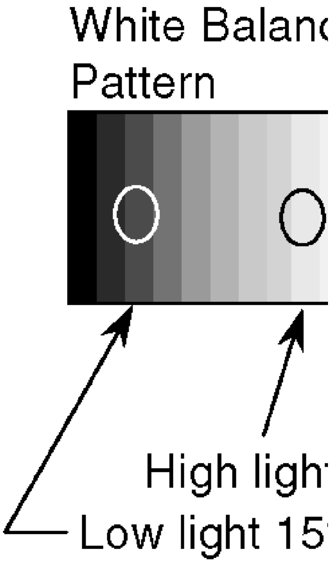
Color Balance	R	G	B
Cool	A0-0136	A0-0137	A0-0138
Normal	A0-013c	A0-013d	A0-013e
Warm	A0-0142	A02-0143	A0-0144

Table 3, Drive data addresses (PAL)

Color Balance	R	G	B
Cool	A0-0139	A0-013a	A0-013b
Normal	A0-013f	A0-0140	A0-0141
Warm	A0-0145	A0-0146	A0-0147

Picture menu : Dynamic
ASPECT : 16:9

-Highlight section
Signal amplitude 75%



11.2. HD white balance adjustment

Instrument Name	Connection	Remarks
-1080i W/B Pattern -Color analyzer(Minolta CA-100 or equivalent)	-RF input -Panel surface	User setting: Normal
Procedure		**Remarks**

Instrument Name	Connection	Remarks

- Asing time is longer than 15min.
- Make sure the front panel to be used on the final set is fitted.
- Make sure a color signal is not being shown before adjustment.
- Put the color analyzer where there is little colour variation.

Complete the adjustment within 10 minutes after the turn on electricity. Turn on the power supply again when it is not possible to complete it by aging etc.

1. Display the white balance pattern.
2. Check that the color balance is “cool”.
3. Enter the <Service1> mode.
4. Select “G-CUTOFF” item, using the color-key “Red” or “Green”, and set to “128”, using the color-key “Yellow” or “Blue”.
Also, “B-CUTOFF” and “R-CUTOFF” set to “128”.
5. Set “G-DRIVE” at “224”.
6. Touch the signal receiver of color analyzer to the highlight window’s center, and adjust B drive and R drive so x, y become the “Color balance Cool” in the below table.
7. Set “ALL-DRIVE” to “252”.
8. Set colorbalance to “Normal”.
9. Fix G cutoff , B cutoff and R cutoff at “128”.
10. Fix G drive at “224”.
11. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance “Normal” in the below table.
12. Set “ALL-DRIVE” to “252”.
13. Set color balance to “Warm”.
14. Set G cutoff, B cutoff and R cutoff to “128”.
15. Set G drive to “224”.
16. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance Warm” shown in the below table.
17. Set “ALL-DRIVE” to “252”.

Table 1. Color balance target value

Color Temperature	x	y
Cool	0.276	0.276
Normal	0.288	0.296
Warm	0.313	0.329

Table 2, Cut-off data addresses (HD)

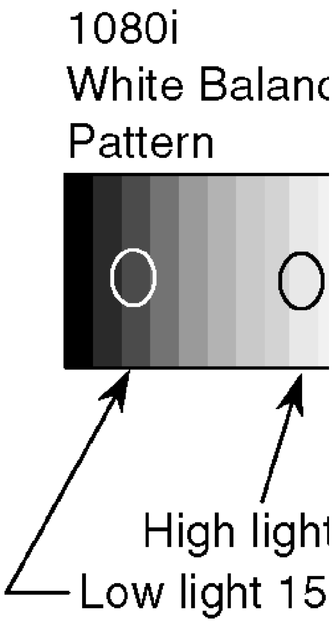
Color Balance	R	G	B
Cool	A0-0124	A0-0125	A0-0126
Normal	A0-012a	A0-012b	A0-012c
Warm	A0-0130	A0-0131	A0-0132

Table 3, Drive data addresses (HD)

Color Balance	R	G	B
Cool	A0-0127	A0-0128	A0-0129
Normal	A0-012d	A0-012e	A0-012f
Warm	A0-0133	A0-0134	A0-0135

Picture menu: Dynamic
ASPECT:16:9

- Highlight section
Signal amplitude 75%



*** The Color balance COOL from Japanese model valu**

11.3. Sub bright adjustment

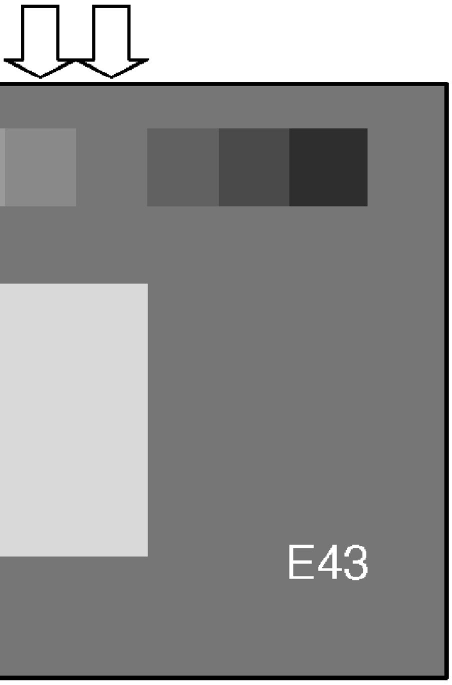
Instrument Name	Connection	Remarks
1. PAL signal generator (or RF)	Connect to the input terminal	User setting: Normal

Procedure	Remarks
-Color balance adjustment is finished for each signal. -Do adjustments in a dark room. -Complete the adjustment within 10 minutes after the turn on electricity. Turn on the power supply again when it is not possible to complete it by aging etc. 1. Display the 10 step gray-scale pattern for adjusting subbright from video input. 2. Use "Sub-Bright" in the <Sevice1> mode to adjust so the 6th section shows up and the 7th fades away.	Picture menu: Dynamic Color balance: Normal ASPECT: 16:9

Data

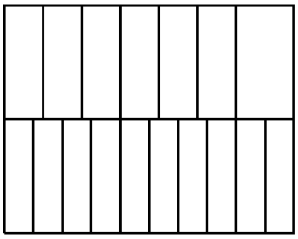
Sub-Bright data address

	Address
Sub-Bright (upper)	A0-0116
Sub-Bright (lower)	A0-0117

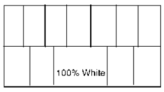
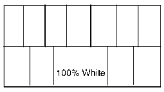
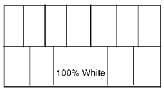


11.4. ABL adjustment

Instrument Name	Connection	Remarks
1. HD signal emitter (or Leader : 1080i/No.9 signal) 2. Wattmeter	**COMPONENT input terminal** **Connect the AC power of the set to the wattmeter.**	

Procedure	Remarks
-Make sure the set is aged for 30 minutes or more before adjustment. (Do not switch off during or after aging.) -Voltage 230V 50Hz (variation within 1%) -Volume at minimum and screen size at “16:9” Component input, dynamic, standard 1. Connect the set's AC power to the wattmeter. 2. Input the signal (top half: color bar, Bottom half :Horizontal 10steps bar). 3. Select the “PWRCTL” item in the <Service1> mode. 4. Adjust PWRCTL so the set's power consumption is TH-37PV600E 271 ±10W TH-37PX600B 280 ±10W TH-42PV600E 331 ±10W TH-42PX600B 340 ±10W **Remarks** 1. The initial data are Data address: A0-0102 Default data: 0×00 2. The power and data are in reverse relationship. (Lower the data to raise the power.) -Raising direction (↑): 0 → 255, 254, 253..... -Lowering direction (↓): 0 → 1, 2, 3..... 3. There is a possibility that the adjustment value can do two places, adjust it in that case, that the value of PWRCTL is large.  No.9 Signal Top half: Full color bar Bottom half: Horizontal 10 steps bar	

11.5. Sub-Contrast adjustment

<table>
<tr><th>Name of measuring instrument</th><th>Connection</th><th>Remarks</th></tr>
<tr><td>RF generator
Base Band generator</td><td></td><td></td></tr>
<tr><th colspan="2">Preparation (AV)</th><th>Remarks</th></tr>
<tr><td colspan="2">1. Receive AV1 (PAL 100% Full White or Split Colour bar shown as below) .

2. Goes into service mode, choose Sub-Contrast, and it checks that data value is 512.
(It checks that an initial value is a default)</td><td></td></tr>
<tr><th colspan="2">Adjustment of AV system</th><th>Remarks</th></tr>
<tr><td colspan="2">1. The colour key yellow button of remote control is pushed.
2. The OSD character of sub-contrast becomes red.
(Inside under automatic adjustment)
3. The OSD character of sub-contrast returns to white.
4. End.</td><td></td></tr>
<tr><th colspan="2">Preparation (RF)</th><th>Remarks</th></tr>
<tr><td colspan="2">1. Receive RF (PAL 100% Full White or Split Colour bar shown as below.)

2. Goes into service mode, choose Sub-Contrast, and it checks that data value is 512.
(It checks that an initial value is a default)</td><td></td></tr>
<tr><th colspan="2">Adjustment of RF system</th><th>Remarks</th></tr>
<tr><td colspan="2">1. The colour key yellow button of remote control is pushed.
2. The OSD character of sub-contrast becomes red.
(Inside under automatic adjustment)
3. The OSD character of sub-contrast returns to white.
4. End.</td><td></td></tr>
<tr><th colspan="2">Preparation (HD)</th><th>Remarks</th></tr>
<tr><td colspan="2">1. Receive Component
(1080i/ 60Hz or 1080i/ 50Hz, 100% Full White or Split colour bar as shown below.)

2. Goes into service mode, choose Sub-Contrast, and it checks that data value is 384.
(It checks that an initial value is a default)</td><td></td></tr>
<tr><th colspan="2">Adjustment of HD system</th><th>Remarks</th></tr>
<tr><td colspan="2">1. The colour key yellow button of remote control is pushed.
2. The OSD character of sub-contrast becomes red.
(Inside under automatic adjustment)
3. The OSD character of sub-contrast returns to white.
4. End.</td><td></td></tr>
</table>

11.6. Multi-Window adjustment

Name of measuring instrument	Connection	Remarks
Base Band generator		
Condition		**Remarks**
Sub contrast adjustment is finished.		
Preparation		
1. Come out of market mode and input AV1 PAL 100% full white. 2. Go into service mode, choose VIDEO Gain2, and check that data is 255. (Check that initial value is the default)		
Adjustment		**Remarks**
1. Check the brightness of main screen and sub screen by watching. 2. Go to procedure 3 when the brightness of sub screen is higher than that of main screen. Oppositely, do not adjust and end when the brightness of sub screen is lower than that of main screen. 3. Adjust VIDEO Gain2 so that the borderline of main and sub screen may become unremarkable by watching. The EEPROM address to adjustment data. VIDEO GAIN2: A0-01b1		**Press OK button.**

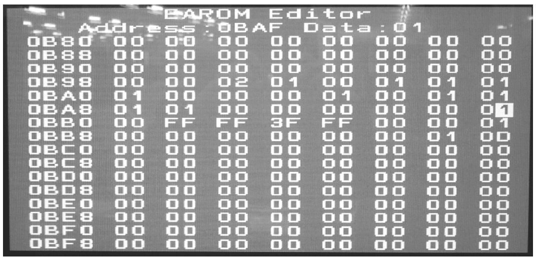
12. Hotel mode

1. Purpose

Restrict a function for hotels.

2. Access command

- **Enter to the Service 2 Mode.**
- **Press Information button on remote control and entry to the EAROM EDITOR Mode.**
- **Press the RED/GREEN button to step up/down through the address.**
- **Press the YELLOW/BLUE button to step left/right through the address.**
- **Press the PROGRAMME UP/DOWN button to step up/down through the page.**
- **Press the VOLUME UP/DOWN button to change the function values.**
- **Set the data of EEPROM(ADDRESS 0BAF) to 01.**
- **Press the OK button to memorize the data.**



```
          EAROM Editor
     Address:0BAF Data:01
0B80  00  00  00  00  00  00  00  00
0B88  00  00  00  00  00  00  00  00
0B90  00  00  00  00  00  00  00  00
0B98  00  00  02  01  00  01  01  01
0BA0  01  00  00  00  01  00  01  01
0BA8  01  01  00  00  00  00  00  01
0BB0  00  FF  FF  3F  FF  00  00  01
0BB8  00  00  00  00  00  00  01  00
0BC0  00  00  00  00  00  00  00  00
0BC8  00  00  00  00  00  00  00  00
0BD0  00  00  00  00  00  00  00  00
0BD8  00  00  00  00  00  00  00  00
0BE0  00  00  00  00  00  00  00  00
0BE8  00  00  00  00  00  00  00  00
0BF0  00  00  00  00  00  00  00  00
0BF8  00  00  00  00  00  00  00  00
```

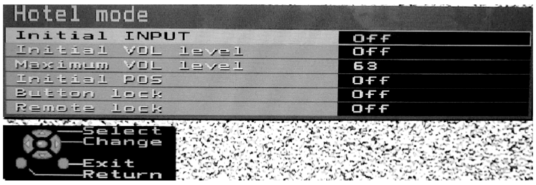
Push the Power switch(button) off/on the set(the remote control) to turn the set off/on.
It can be made Hotel mode.

3. Exit command

- First, set the data of EEPROM(ADDRESS 0BAF) to 00.
  Next, Push the Power switch(button) off/on the set(the remote control) to turn the set off/on.
  Then, it is no longer hotel mode.

4. Access command to the Hotel mode setup menu

- Prerequisite : It is conditions that the data of EEPROM(ADDRESS 0BAF) is 01.
  In order to display the Hotel mode setup menu, please enter the following command (within 2 second).
  [[TV]:down + [REMOTE]:TV/AV(3 times)]
  Then, the Hotel mode setup menu is displayed.



Hotel mode

Initial INPUT	Off
Initial VOL level	Off
Maximum VOL level	63
Initial POS	Off
Button lock	Off
Remote lock	Off

5. Explain the Hotel mode setup menu

item	Function
Initial INPUT	Select input signal modes. Set the input, when each time power is switched on. Selection : Off/TV/AV1/AV2/AV2S/AV3/Av3S/AV4/ Av4S/Component/PC/HDMI1/HDMI2 -Off: give priority to a last memory. However, Euro model is compulsorily set to TV. -AVnS/AVnC: only Euro model selectable -PC: selectable with VGA option
Initial VOL level	Adjust the volume when each time power is switched on. Selection/Range : Off/0 to 63 -Off: give priority to a last memory
Maximum VOL level	Adjust maximum volume. Range : 0 to 63
Initial POS	Select programme number. Selection : Off/0 to 99 -Off: give priority to a last memory
Button lock	Select local key conditions. Selection : Off/SETUP/MENU/All -Off: altogether valid -SETUP: only F-key is invalid (Tuning guide(menu) can not be selected.) -MENU: only F-key is invalid (only Volume/Mute can be selected.) -All: altogether invalid.
Remote lock	Select remote control key conditions. Selection : Off/SETUP/MENU -Off: altogether valid -SETUP: only Setup menu is invalid -MENU: Picture/Sound/Setup menu are invalid

6. To exit the Hotel mode

Disconnect AC power cord from wall outlet

13. Conductor Views

13.1. P-Board (37inch)

13.2. P-Board (42inch)

13.3. PA-Board

13.4. H-Board

13.5. G and TA-Board

13.6. GK, HC, K and S-Board

13.7. GS-Board

13.8. DG-Board

13.9. XV-Board (PX600B)

13.10. D-Board

13.11. C1-Board (37inch)

13.12. C1-Board (42inch)

13.13. C2-Board (37inch)

13.14. C2-Board (42inch)

13.15. SC-Board

13.16. SU-Board (37inch)

13.17. SU-Board (42inch)

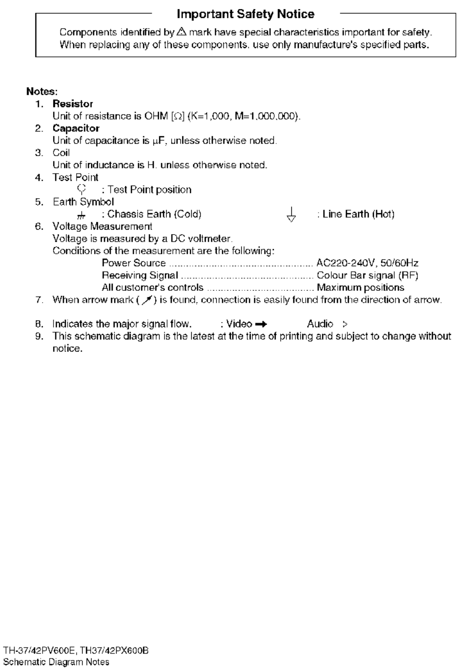
13.18. SD-Board (37inch)

13.19. SD-Board (42inch)

13.20. SS-Board

14. Schematic and Block Diagram

14.1. Schematic Diagram Notes



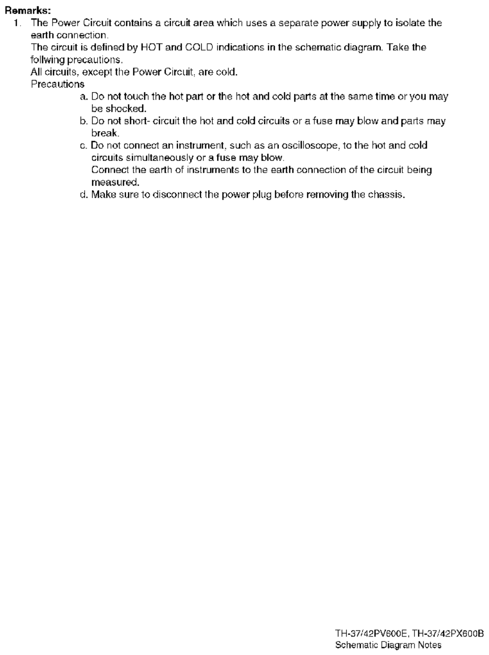
Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components. use only manufacture's specified parts.

Notes:

1. **Resistor**
   Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
   Unit of capacitance is μF, unless otherwise noted.
3. Coil
   Unit of inductance is H. unless otherwise noted.
4. Test Point
   ⚲ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold) ▽ : Line Earth (Hot)
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following:
   Power Source AC220-240V, 50/60Hz
   Receiving Signal .... Colour Bar signal (RF)
   All customer's controls .... Maximum positions
7. When arrow mark (↗) is found, connection is easily found from the direction of arrow.
8. Indicates the major signal flow. : Video ➡ Audio >
9. This schematic diagram is the latest at the time of printing and subject to change without notice.

TH-37/42PV600E, TH37/42PX600B
Schematic Diagram Notes



Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.
   All circuits, except the Power Circuit, are cold.
   Precautions
   a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
   c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
   Connect the earth of instruments to the earth connection of the circuit being measured.
   d. Make sure to disconnect the power plug before removing the chassis.

TH-37/42PV600E, TH-37/42PX600B
Schematic Diagram Notes

14.2. Main Block Diagram (37inch)

14.3. Main Block Diagram (42inch)

14.4. P-Board Block Diagram (37inch)

14.5. P-Board (1 of 6) Schematic Diagram (37inch)

14.6. P-Board (2 of 6) Schematic Diagram (37inch)

14.7. P-Board (3 of 6) Schematic Diagram (37inch)

14.8. P-Board (4 of 6) Schematic Diagram (37inch)

14.9. P-Board (5 of 6) Schematic Diagram (37inch)

14.10. P-Board (6 of 6) Schematic Diagram (37inch)

14.11. P-Board Block Diagram (42inch)

14.12. P-Board (1 of 6) Schematic Diagram (42inch)

14.13. P-Board (2 of 6) Schematic Diagram (42inch)

14.14. P-Board (3 of 6) Schematic Diagram (42inch)

14.15. P-Board (4 of 6) Schematic Diagram (42inch)

14.16. P-Board (5 of 6) Schematic Diagram (42inch)

14.17. P-Board (6 of 6) Schematic Diagram (42inch)

14.18. PA-Board Block Diagram

14.19. PA-Board (1 of 3) Schematic Diagram

14.20. PA-Board (2 of 3) Schematic Diagram

14.21. PA-Board (3 of 3) Schematic Diagram

14.22. H and TA-Board Block Diagram

14.23. G, GK, HC and K-Board Block Diagram

14.24. H-Board (1 of 3)Schematic Diagram

14.25. H-Board (2 of 3)Schematic Diagram

14.26. H-Board (3 of 3)Schematic Diagram

14.27. G-Board Schematic Diagram

14.28. GS-Board Schematic Diagram

14.29. GK, K, HC and TA-Board Schematic Diagram

14.30. DG-Board (1 of 3) Block Diagram

14.31. DG-Board (2 of 3) Block Diagram

14.32. DG-Board (3 of 3) Block Diagram

14.33. DG-Board (1 of 8) Schematic Diagram

14.34. DG-Board (2 of 8) Schematic Diagram

14.35. DG-Board (3 of 8) Schematic Diagram

14.36. DG-Board (4 of 8) Schematic Diagram

14.37. DG-Board (5 of 8) Schematic Diagram

14.38. DG-Board (6 of 8) Schematic Diagram

14.39. DG-Board (7 of 8) Schematic Diagram

14.40. DG-Board (8 of 8) Schematic Diagram

14.41. XV-Board Block Diagram (PX600B)

14.42. XV-Board (1 of 5) Schematic Diagram (PX600B)

14.43. XV-Board (2 of 5) Schematic Diagram (PX600B)

14.44. XV-Board (3 of 5) Schematic Diagram (PX600B)

14.45. XV-Board (4 of 5) Schematic Diagram (PX600B)

14.46. XV-Board (5 of 5) Schematic Diagram (PX600B)

14.47. D-Board Block Diagram

14.48. D-Board (1 of 6) Schematic Diagram

14.49. D-Board (2 of 6) Schematic Diagram

14.50. D-Board (3 of 6) Schematic Diagram

14.51. D-Board (4 of 6) Schematic Diagram

14.52. D-Board (5 of 6) Schematic Diagram

14.53. D-Board (6 of 6) Schematic Diagram

14.54. C1 and C2-Board Block Diagram

14.55. C1-Board (1 of 2) Schematic Diagram (37inch)

14.56. C1-Board (2 of 2) Schematic Diagram (37inch)

14.57. C1-Board (1 of 2) Schematic Diagram (42inch)

14.58. C1-Board (2 of 2) Schematic Diagram (42inch)

14.59. C2-Board (1 of 2) Schematic Diagram (37inch)

14.60. C2-Board (2 of 2) Schematic Diagram (37inch)

14.61. C2-Board (1 of 2) Schematic Diagram (42inch)

14.62. C2-Board (2 of 2) Schematic Diagram (42inch)

14.63. SC, SU and SD-Board Block Diagram (37inch)

14.64. SC, SU and SD-Board Block Diagram (42inch)

14.65. SC-Board (1 of 2) Schematic Diagram

14.66. SC-Board (2 of 2) Schematic Diagram

14.67. SU-Board (1 of 2) Schematic Diagram (37inch)

14.68. SU-Board (2 of 2) Schematic Diagram (37inch)

14.69. SU-Board (1 of 2) Schematic Diagram (42inch)

14.70. SU-Board (2 of 2) Schematic Diagram (42inch)

14.71. SD-Board (1 of 2) Schematic Diagram (37inch)

14.72. SD-Board (2 of 2) Schematic Diagram (37inch)

14.73. SD-Board (1 of 2) Schematic Diagram (42inch)

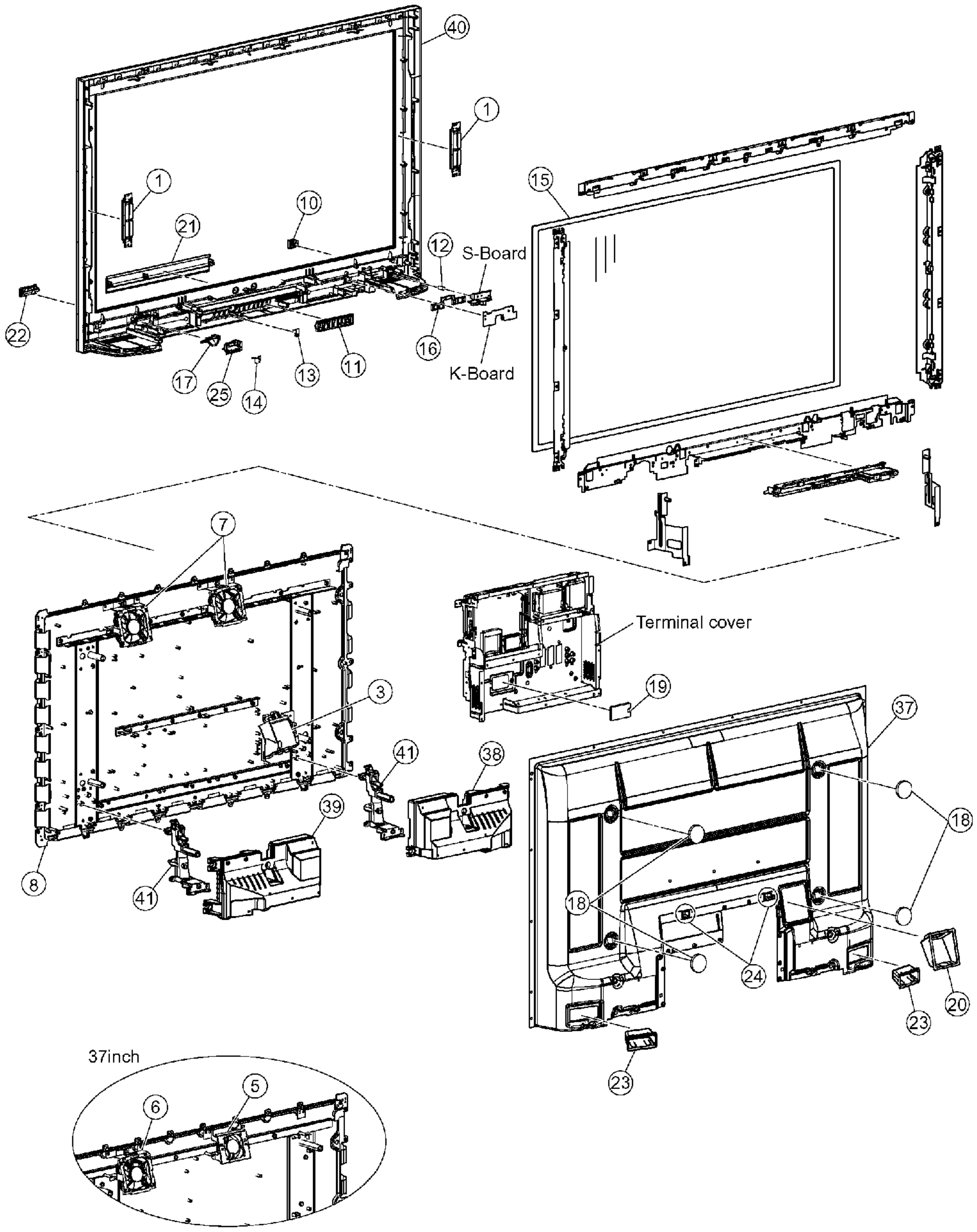
14.74. SD-Board (2 of 2) Schematic Diagram (42inch)

14.75. SS and S-Board Block Diagram

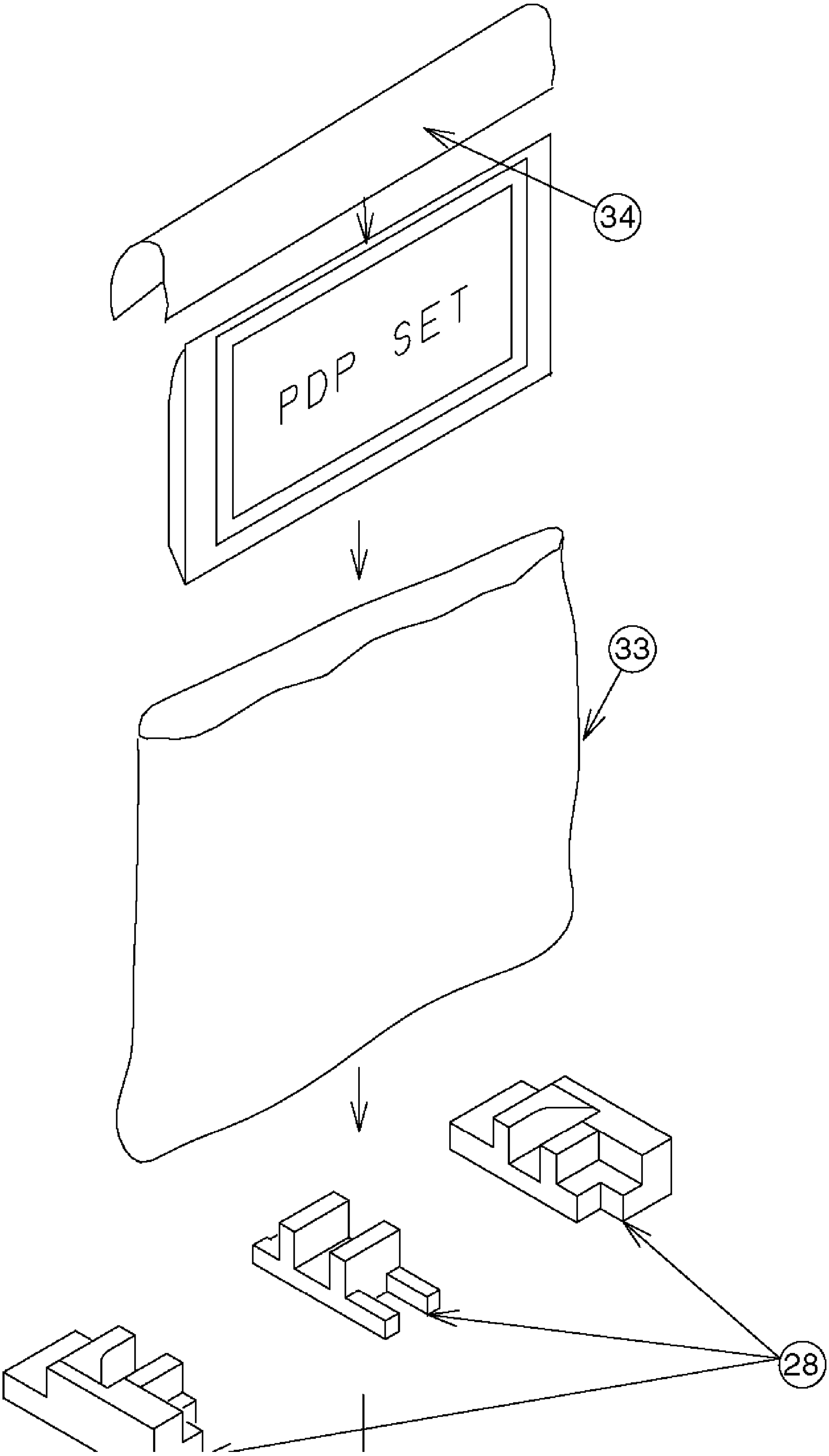
14.76. SS and S-Board Schematic Diagram

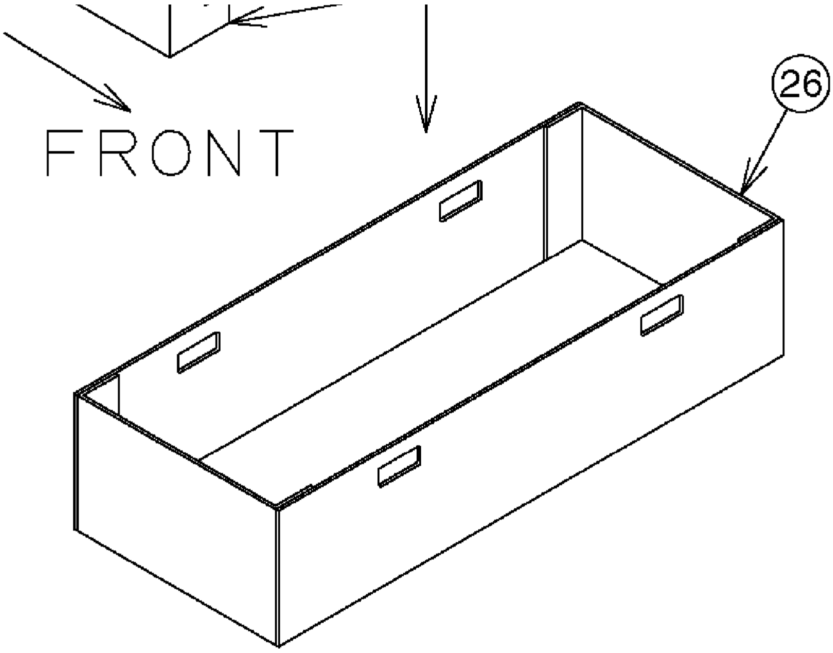
15. Parts Location & Mechanical Replacement Parts List

15.1. Parts Location

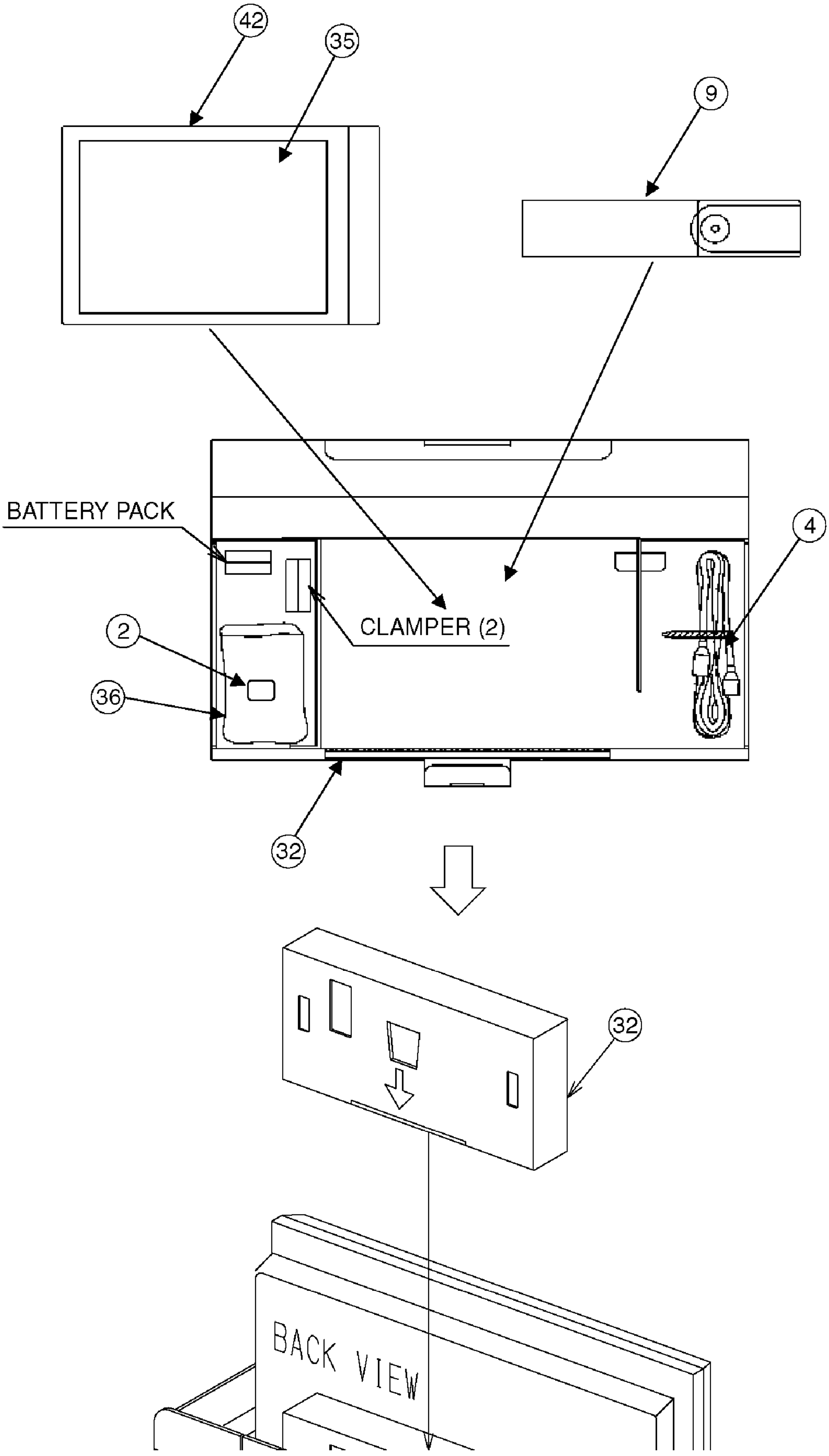

40
1
1
15
10
21
12
S-Board
22
16
K-Board
17
25
14
13
11
7
Terminal cover
19
3
37
41
38
39
18
18
8
41
24
20
23
23
37inch
6
5

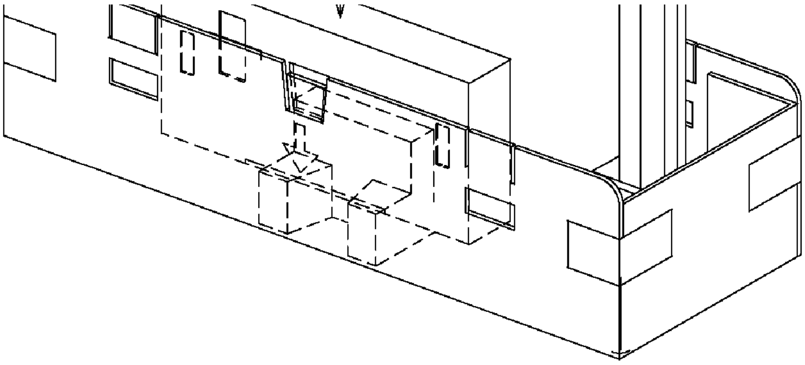
15.2. Packing Exploded Views (1)


PDP SET

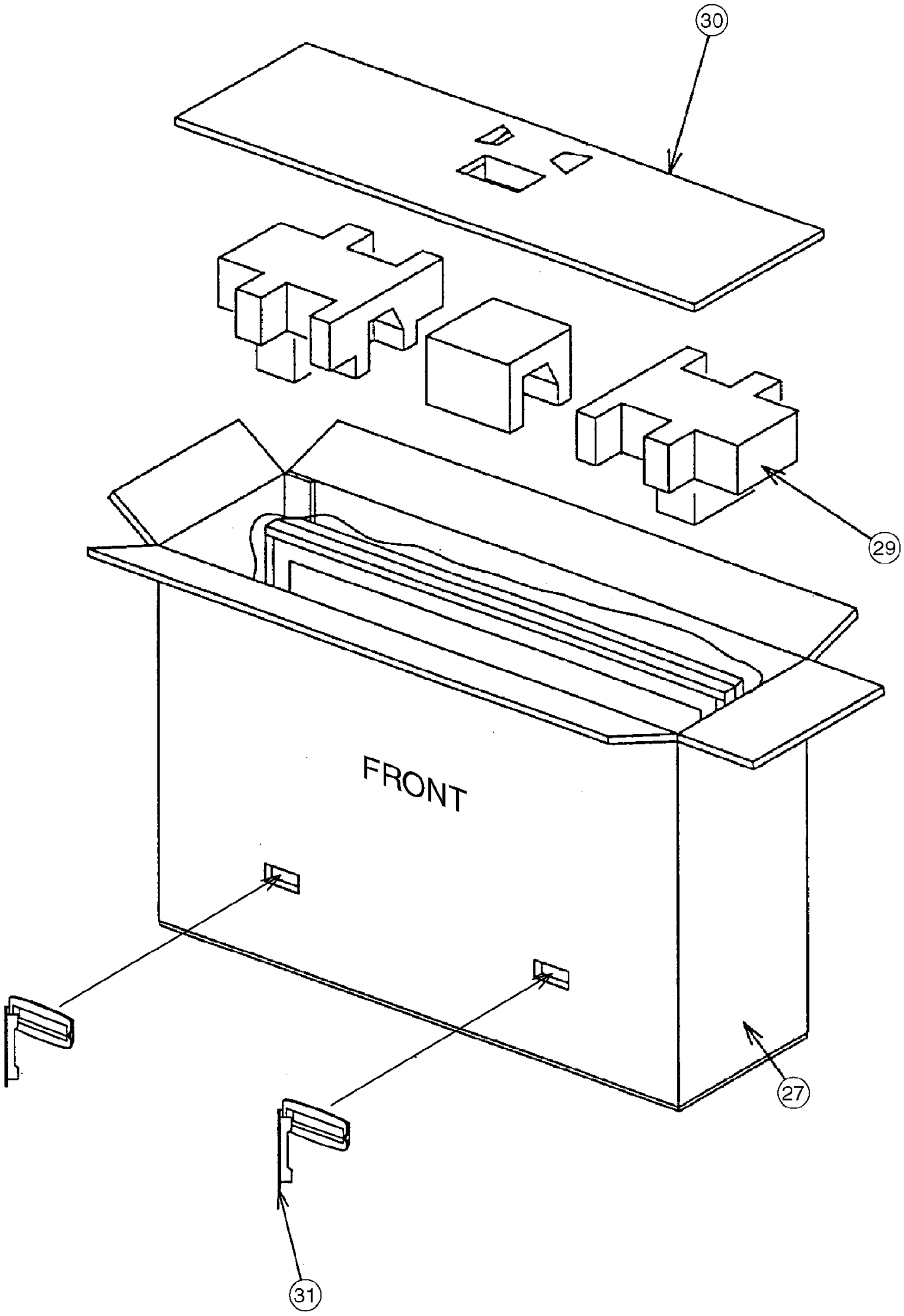


15.3. Packing Exploded Views (2)


BATTERY PACK
CLAMPER (2)
BACK VIEW



15.4. Packing Exploded Views (3)



15.5. Mechanical Replacement Parts List

Note:

All parts except parts mentioned [PAVCCZ] in the Remarks column are supplied by PAVC-CSG. Parts mentioned [PAVCCZ] are supplied by PAVCCZ.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	EAS10D85A	SQUAWKER SPEAKER(L/R)	2	
2	J0KF00000018	FILTER	1	
	J0KF00000038	CORE (FOR SPEAKER LEAD WIRE j	2	
	J2ZZ00000054	RF-CABLE	1	TH-37/42PX600B PAVCCZ
3	K2AHYH000005	AC INLET	1	⚠
4	K2CN3DH00006	AC CORD(CONTINENTAL)	1	TH-37/42PV600E ⚠
4	K2CT3DH00018	AC CORD	1	TH-37/42PX600B ⚠
5	L6FAKEDH0013	FAN (60MM)	1	37inch
6	L6FALEFH0041	FAN (80MM)	1	37inch
7	L6FALEFH0041	FAN (80MM)	2	42inch
8	MD37H09A1J	PLASMA DISPLAY PANEL	1	37inch ⚠
8	MD42H09A1J	PLASMA DISPLAY PANEL	1	42inch ⚠
9	N2QAYB000025	REMOTE CONTROL	1	TH-37/42PV600E PAVCCZ
9	N2QAKB000059	REMOTE CONTROL	1	TH-37/42PX600B PAVCCZ
10	TBXA48602	POWER BUTTON	1	
11	TBXA48803	CONTROL BOTTON	1	
12	TES4G204	SPRING	1	
13	TESA274	LEAF SPRING	1	
14	TESA275	SD DOOR SPRING	1	
	THEL0429	SCREW	26	
	THEL044N	SCREW	1	
	THEL047J	SCREW(HDMI:2)	2	PAVCCZ
	THTA0419	HOOK SCREW	2	
	THTD011J	SCREW	2	
	THTD013N	SCREW	9	
	THTF011N	SCREW	51	
15	TKGA5292	FRONT GLASS	1	37inch PAVCCZ
15	TKGA5280	FRONT GLASS	1	42inch PAVCCZ
16	TKKC5237	LED PANEL	1	TH-37/42PX600B
16	TKKC5244	LED PANEL	1	TH-37/42PV600E
17	TKKC5238	SD LIGHT PANEL	1	
18	TKKL5231	M8 SPACER CAP	4	
19	TKKL5269	COVER	1	
20	TKPA94301	INLET COVER	1	
21	TKPB00605	BOTTOM DOOR	1	
22	TKPB02902	SD DOOR	1	
23	TKRA51701	REAR COVER HANDLE	2	
24	TKRA52101	HOLE CAP	2	
	TMK0E726	SPONGE(TKG/LEFT/RIGHT)	2	42inch PAVCCZ
	TMK0E732	SPONGE(TKG/UPPER/BOTTOM)	2	42inch PAVCCZ
	TMK0E733	SPONGE(TKG/UPPER/BOTTOM)	2	37inch PAVCCZ
	TMK0E734	SPONGE(TKG/LEFT/RIGHT)	2	37inch PAVCCZ
	TMKG668	FAN SPONGE	2	37inch
	TMKG669	FAN SPONGE	1	37inch
	TMKG669	FAN SPONGE	3	42inch
	TMM14490	CABLE CLAMPER	1	
	TMM15414-2	CLAMPER	1	37inch
	TMM15414-2	CLAMPER	2	42inch
	TMM15481	CLAMPER	1	
	TMM17499	CLAMPER	1	
	TMM25401	CLAMPER	6	37inch
	TMM25401	CLAMPER	8	42inch

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	TMM6428-1	CLAMPER	1	TH-37/42PV600E
	TMM6496-1	CLAMPER	1	
	TMM7464-2	CLAMPER	2	
	TMM7468-1	CLAMPER	1	
	TMME047	CLAMPER	4	
	TMME061	CLAMPER	2	TH-37/42PX600B
	TMME084	CLAMPER	1	
	TMME190	CLAMPER	3	
	TMME226	CLAMPER	1	
	TMME258	CLAMPER	2	
	TMME260	CLAMPER	18	37inch
	TMME260	CLAMPER	19	42inch
	TMME261	CLAMPER	3	PAVCCZ
	TMME268	CLAMPER	1	PAVCCZ
	TMMJ068	RUBBER(FAN)	9	
	TMMX037	CLAMPER	1	TH-37/42PX600B
	TMMX133	M8-SPACER	4	
25	TMWX040	SD LIGHT PANEL BRACKET	1	
26	TPC0E65501	CARTON BOX BOTTOM	1	37inch PAVCCZ
26	TPC0E65701	CARTON BOX BOTTOM	1	42inch PAVCCZ
27	TPC0E65601	CARTON BOX TOP	1	37inch PAVCCZ ⚠
27	TPC0E65801	CARTON BOX TOP	1	42inch PAVCCZ ⚠
28	TPD0E0113	CUSHION BOTTOM	1	PAVCCZ
29	TPD0E0114	CUSHION TOP	1	PAVCCZ
30	TPD0E9034	PAD TOP	1	37inch PAVCCZ
30	TPD0E9035	PAD TOP	1	42inch PAVCCZ
31	TPD169487	JOINT	4	
32	TPDF1197	ACCESSORIES BOX	1	
33	TPE0E4010	PROTECT COVER	1	PAVCCZ
34	TPE0E4013	TOP PROTECT SHEET	1	PAVCCZ
35	TQB0E0262	INSTRUCTION BOOK(ENGLISH)	1	PAVCCZ ⚠ TH-37/42PV600B
35	TQB0E0263A	INSTRUCTION BOOK(GERMAN)	1	TH-37/42PV600E PAVCCZ ⚠
35	TQB0E0263B	INSTRUCTION BOOK(DUTCH)	1	TH-37/42PV600E PAVCCZ ⚠
35	TQB0E0263C	INSTRUCTION BOOK(ITALIAN)	1	TH-37/42PV600E PAVCCZ ⚠
35	TQB0E0263D	INSTRUCTION BOOK(FRENCH)	1	TH-37/42PV600E PAVCCZ ⚠
35	TQB0E0263E	INSTRUCTION BOOK(SPANISH)	1	TH-37/42PV600E PAVCCZ ⚠
35	TQB0E0263F	INSTRUCTION BOOK(SWEDISH)	1	TH-37/42PV600E PAVCCZ ⚠
35	TQB0E0263K	INSTRUCTION BOOK(DANISH)	1	TH-37/42PV600E PAVCCZ ⚠
35	TQB0E0263M	INSTRUCTION BOOK(BULGALIA)	1	TH-37/42PV600E PAVCCZ ⚠
35	TQB0E0263N	INSTRUCTION BOOK(RUMANIA)	1	TH-37/42PV600E PAVCCZ ⚠
35	TQB0E0263P	INSTRUCTION BOOK(POLAND)	1	TH-37/42PV600E PAVCCZ ⚠
35	TQB0E0263Q	INSTRUCTION BOOK(HUNGALY)	1	TH-37/42PV600E PAVCCZ ⚠
35	TQB0E0263R	INSTRUCTION BOOK(CZECHO)	1	TH-37/42PV600E PAVCCZ ⚠
35	TQB0E0263U	INSTRUCTION BOOK(ENGLISH)	1	TH-37/42PV600E PAVCCZ ⚠
36	TQEF035	POLY BAG(FILTER)	1	
	TSXL513	CABLE(D31-C11/D32-C21)	2	
	TSXL519	CABLE(C12-C22)	1	
	TSXL520	CABLE(DG1-H1)	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	TSXL521	CABLE(DG15-HC15)	1	
	TSXL522	CABLE(DG20-PA20)	1	
	TSXL523	CABLE(D3-DG3)	1	
	TSXL545	CABLE(GS12-SD)	1	
37	TTUA1396	REAR COVER	1	TH-42PV600E PAVCCZ ⚠
37	TTUA1397	REAR COVER	1	TH-42PX600B PAVCCZ ⚠
37	TTUA1398	REAR COVER	1	TH-37PX600B PAVCCZ ⚠
37	TTUA1399	REAR COVER	1	TH-37PV600E PAVCCZ ⚠
38	TXFAB01BGTB	SPEAKER BOX ASS’Y(LEFT)	1	PAVCCZ
39	TXFAB02BGTB	SPEAKER BOX ASS’Y(RIGHT)	1	PAVCCZ
40	TXFKE01BFTE	ESCUTCHEON ASS’Y	1	TH-42PV600E PAVCCZ ⚠
40	TXFKE01BGTE	ESCUTCHEON ASS’Y	1	TH-37PV600E PAVCCZ ⚠
40	TXFKE01BFTB	ESCUTCHEON ASS’Y	1	TH-42PX600B PAVCCZ ⚠
40	TXFKE01BGTB	ESCUTCHEON ASS’Y	1	TH-37PX600B PAVCCZ ⚠
41	TXFMZ01BFTJ	STAND BLOCK ASS’Y	2	
	XTB4+12GFJ	SCREW	1	
	XTB4+12GFJK	SCREW	67	37inch
	XTB4+12GFJK	SCREW	58	42inch
	XTV3+10GFJ	SCREW	4	
	XTV3+10JFJK	SCREW	6	
	XTW3+10TFJ	SCREW	2	
	XYN2+F5FJ	SCREW(TOP-BOT)	1	
	XYN3+F10FJ	SCREW	2	
	XYN3+F6FJ	SCREW	1	
	XYN3+F8FJ	SCREW	29	TH-37/42PV600E
	XYN3+F8FJ	SCREW	23	TH-37/42PX600B
	XYN3+J12FJ	SCREW	39	37inch
	XYN3+J12FJ	SCREW	31	42inch
	XYN3+J8FJ	SCREW ROHS	12	
	XYN4+E8FJ	SCREW	1	
	XYN4+F10FJK	SCREW	11	
	XYN5+C15FJ	SCREW	8	
42	XZBT6530	POLY BAG(INST BOOK)	1	

16. Electrical Replacement Parts List

16.1. Replacement Parts List Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W

Type Allowance

Type	Allowance
C : Carbon	F : ±1%
F : Fuse	G : ±2%
M : Metal Oxide	J : ±5%
Metal FIlm	K : ±10%
S : Solid	M : ±20%
W : Wire Wound	

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V

Type Allowance

Type	Allowance
C : Ceramic	C : ±0.25pF
E : Electrolytic	D : ±0.5pF
P : Polyester	F : ±1pF
Polyprop	G : ±3pF
lene	J : ±5pF
T : Tantalum	K : ±10pF
	L : ±15pF
	M : ±20pF
	P : +100%, -0%
	Z : +80%, -20%

16.2. Electrical Replacement Parts List (37inch)

Note:

All parts except parts mentioned [PAVCCZ] in the Remarks column are supplied by PAVC-CSG.
Parts mentioned [PAVCCZ] are supplied by PAVCCZ.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F401.402	K5D802BNA005	TIME LAG FUSE HIGH	2	⚠
C001	ECA0JM102	E 1000UF, 6.3V	1	
C002,03	ECA1HM100	E 10UF, 50V	2	
C007	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C009	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C11	K1MN55BA0076	55P CONNECTOR	1	
C12	K1MN20BA0231	20P CONNECTOR	1	
C013	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C016	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C018,19	ECJ1VC1H330J	C 33PF, J, 50V	2	
C020	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C021	ECJ1XC1H101J	C 100PF, J, 50V	1	
C21	K1MN55BA0076	55P CONNECTOR	1	
C22	K1MN20BA0231	20P CONNECTOR	1	
C23	K1KA12BA0107	12P CONNECTOR	1	
C1100	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1102	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1103	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1105	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1106	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1107	EEEHB0G101R	C 100PF, J, 4V	1	
C1109-11	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C1112	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1114	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1116	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1118-23	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C1125	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1127-32	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C1133,34	ECJ1XC1H150J	C 15PF, J, 50V	2	
C1135-42	ECJ0EB1A104K	C 0.1UF, K, 10V	8	
C1144-50	ECJ0EB1A104K	C 0.1UF, K, 10V	7	
C1152	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1153	EEEHB0G101R	C 100PF, J, 4V	1	
C1154	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1155	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1156,57	ECJ1XC1H220J	C 22PF, J, 50V	2	
C1158	F1J0J1060004	C 0.010UF, K, 16V	1	
C1159	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1160	F2G0J470A019	E 47UF 6.3V	1	
C1161	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1162	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1167,68	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C1170,71	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-37PX600B
C1172	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1177	ECJ1VB1A334K	C 0.1UF, K, 16V	1	
C1178	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1180,81	ECJ1VB1H221K	C 220UF, K, 50V	2	
C1186	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1190	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1209	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1212	ECJ1XC1H151J	C 150PF, J, 50V	1	
C1219,20	EEEHP1C100R	C 10PF, J, 16V	2	

[illegible]	[illegible]	[illegible]	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1221	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C1222,23	F1J0J1060004	C 0.010UF, K, 16V	2	
C1226	F1J0J1060004	C 0.010UF, K, 16V	1	
C1227	ECJ0EB1H101K	C 100PF, K, 50V	1	
C1228-34	EEEHB1C470P	C 47PF, J, 16V	7	
C1294	ECJ1XC1H330J	C 33PF, J, 50V	1	
C2005-18	ECJ1XC1H561J	C 560PF, J, 50V	14	
C2019	ECA1CM221	E 220UF, 16V	1	
C2020	ECA1HM220	E 22UF, 50V	1	
C2021,22	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2103,04	ECJ3YB1A106M	C 10UF, M,6.3V	2	
C2111	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2116	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2118,19	ECEA1CN470U	E 47UF, 16V	2	
C2122,23	ECJ3YB1A106M	C 10UF, M,6.3V	2	
C2125,26	ECJ1VB1H102K	C 1000PF, K, 50V	2	
C2127	ECA1CMH101	E 100UF, 16V	1	
C2128	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2129,30	F1J1A1050002	C 1UF, Z, 50V	2	
C2131	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2132	EEEHB1C100R	C 10PF, J, 16V	1	
C2133,34	ECJ1XC1H470J	C 47PF, J, 50V	2	
C2135,36	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2139-43	ECJ1VB1H103K	C 0.001UF, K, 50V	5	
C2144,45	ECJ3YB1A106M	C 10UF, M,6.3V	2	
C2146	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2147	ECA1HM220	E 22UF, 50V	1	
C2148-50	ECJ2FB1C105K	C 1UF, K, 16V	3	
C2152	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2153	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C2154	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2155	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2156	ECJ3YB1A106M	C 10UF, M,6.3V	1	
C2157	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2158	ECJ3YB1A106M	C 10UF, M,6.3V	1	
C2159,60	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2161	ECA1CMH101	E 100UF, 16V	1	
C2162-69	ECJ2FB1C105K	C 1UF, K, 16V	8	
C2170-72	ECJ1VB1H102K	C 1000PF, K, 50V	3	
C2173	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2174	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2175-77	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C2178,79	EEEHB1C100R	C 10PF, J, 16V	2	
C2181	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2183	EEEHB1H3R3R	C 3.3PF, J, 50V	1	
C2184,85	ECJ2VF1C104Z	C 0.1UF, Z, 16V	2	
C2189,90	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2191	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2192	EEEHB1C100R	C 10PF, J, 16V	1	
C2193,94	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2195	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2196	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2197	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	
C2198	EEEHB0J101P	C 100PF, J, 6.3V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2199	ECJ1VC1H560J	C 56PF, J, 50V	1	
C2200	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2201	ECJ1XC1H030C	C 3PF, C, 50V	1	
C2202	ECJ1XC1H050C	C 5PF, C, 50V	1	
C2203	ECJ1VC1H100C	C 10PF, C, 50V	1	
C2204	ECJ1XC1H220J	C 22PF, J, 50V	1	
C2211	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C2213	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
C2217	F1H0J1050012	C 1UF, K, 16V	1	
C2218-21	ECJ3YB1A106M	C 10UF, M,6.3V	4	
C2222	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2223	ECJ1XC1H390J	C 39PF, J, 50V	1	
C2225	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2226	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2227	ECA1CMH101	E 100UF, 16V	1	
C2228	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2229,30	ECA1CMH101	E 100UF, 16V	2	
C2231	ECA1CHG470	E 47UF, 16V	1	
C2232	F1H0J1050012	C 1UF, K, 16V	1	
C2233,34	ECJ1VB1H102K	C 1000PF, K, 50V	2	
C2235	F1H0J1050012	C 1UF, K, 16V	1	
C2236	ECA1CHG470	E 47UF, 16V	1	
C2237-40	ECJ1VB1H103K	C 0.001UF, K, 50V	4	
C2243	ECA1CHG470	E 47UF, 16V	1	
C2301	ECA1EHG471	E 470UF, 25V	1	
C2302,03	ECA1CMH101	E 100UF, 16V	2	
C2304,05	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C2306	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C2307	ECA1CMH101	E 100UF, 16V	1	(H)
C2307	ECJ1XB1C393K	C 0.039UF, K, 16V	1	(PA)
C2308-13	ECJ1VB1E183K	C 0.018UF, K, 25V	6	
C2314	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2317	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2320	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2321	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2322	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2323,24	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2325,26	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2327	F1J1H474A757	C 0.47UF, 50V	1	
C2328-31	ECJ2FB1E105K	C 1UF, K, 25V	4	
C2332,33	ECA1EHG471	E 470UF, 25V	2	
C2334,35	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2336	F1J1H474A757	C 0.47UF, 50V	1	
C2337,38	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2341	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C2342	ECJ2FB1E105K	C 1UF, K, 25V	1	
C2346	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2349	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2350	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2351	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2352,53	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2354,55	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2356	F1J1H474A757	C 0.47UF, 50V	1	
C2357-60	ECJ2FB1E105K	C 1UF, K, 25V	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2361,62	ECA1EHG471	E 470UF, 25V	2	
C2363,64	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2365	F1J1H474A757	C 0.47UF, 50V	1	
C2366,67	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2368,69	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C2370	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C2371	ECJ2FB1E105K	C 1UF, K, 25V	1	
C2372	ECA1HHG100	E 10UF, 50V	1	
C2373	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C2374	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2380,81	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C2382	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2385	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2387	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2389	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2391	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2393-96	ECJ1VB1C105K	C 0.01UF, K, 16V	4	
C2401	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2402	ECJ2FB0J106M	C 10UF, Z,6.3V	1	
C2403	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2404	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2405	ECJ2FB0J106M	C 10UF, Z,6.3V	1	
C2416	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2417,18	ECJ2FB0J106M	C 10UF, Z,6.3V	2	
C2430	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2510,11	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C2512	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C2515	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2517	ECJ1VB1H103K	C 0.001UF, K, 50V	1	TH-37PX600B
C2521	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3001-03	ECJ1VB1H102K	C 1000PF, K, 50V	3	
C3021	F1J1A1050002	C 1UF, Z, 50V	1	
C3022,23	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C3024-28	F1J1A1050002	C 1UF, Z, 50V	5	
C3029	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3030	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3031	F1J1A1050002	C 1UF, Z, 50V	1	
C3033	F1J1A1050002	C 1UF, Z, 50V	1	
C3035,36	F1J1A1050002	C 1UF, Z, 50V	2	
C3038	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3039	F1J1A1050002	C 1UF, Z, 50V	1	
C3040	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3041	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3042,43	F1J1A1050002	C 1UF, Z, 50V	2	
C3045,46	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C3047	F1J1A1050002	C 1UF, Z, 50V	1	
C3048	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3049-56	F1J1A1050002	C 1UF, Z, 50V	8	
C3058	ECA1EM471	E 470UF, 25V	1	
C3059	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3061-64	ECJ2VF1C104Z	C 0.1UF, Z, 16V	4	
C3065	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3066	F1J1A1050002	C 1UF, Z, 50V	1	
C3067	ECJ1VB1H103K	C 0.001UF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3068	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3070	ECA1EM471	E 470UF, 25V	1	
C3071	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3072	ECA1EM471	E 470UF, 25V	1	
C3073	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3074	ECA1EM471	E 470UF, 25V	1	
C3075	ECA1CM221	E 220UF, 16V	1	
C3076	ECA1EM471	E 470UF, 25V	1	
C3207	ECA1AM102	E 1000UF, 10V	1	
C3214	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3216	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3226-28	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3229	ECJ2FF1A106Z	C 0.001UF, Z, 10V	1	
C3230	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3231	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3233	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3241	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3262	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C3268	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3305	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3330	ECA1CM470	E 47UF, 16V	1	
C3331	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C3332	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3334	ECEA1CN470U	E 47UF, 16V	1	
C3335	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3336	ECEA1CN470U	E 47UF, 16V	1	
C3337	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3338	ECEA1CN470U	E 47UF, 16V	1	
C3339	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3340-42	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3701	ECJ2XC1H561K	C 560PF, K, 50V	1	
C3703	ECJ2XC1H561K	C 560PF, K, 50V	1	
C3711,12	ECJ2VF1H333Z	C 0.033UF, Z, 50V	2	
C3750,51	ECJ2XC1H102K	C 1000PF, K, 50V	2	
C4003-08	F1J0J1060004	C 0.010UF, K, 16V	6	
C4009	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C4014,15	F1J0J1060004	C 0.010UF, K, 16V	2	
C4023	F1J0J1060004	C 0.010UF, K, 16V	1	
C4026	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4027	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4028	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4112	F1J0J1060004	C 0.010UF, K, 16V	1	
C4117	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4142	F1H1C104A065	C 0.1UF, K, 16V	1	
C4144-46	ECJ1XC1H050C	C 5PF, C, 50V	3	
C4148-51	ECJ1VB0J475K	C 4.7UF, K, 6.3V	4	
C4152,53	F1J0J1060004	C 0.010UF, K, 16V	2	
C4157	F1J0J1060004	C 0.010UF, K, 16V	1	
C4158	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4159	F1H1C104A065	C 0.1UF, K, 16V	1	
C4160	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4161,62	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4165	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4168	ECJ1XC1H680J	C 68PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4169	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4171	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4172,73	F1H1C104A065	C 0.1UF, K, 16V	2	
C4174	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4175	F1H1C104A065	C 0.1UF, K, 16V	1	
C4176	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4177	ECJ2FB1C684K	C 68UF, Z, 16V	1	
C4178	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C4180	F1H1C104A065	C 0.1UF, K, 16V	1	
C4181	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4182	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4185,86	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C4187	F2G0J470A019	E 47UF 6.3V	1	
C4188	F1J0J1060004	C 0.010UF, K, 16V	1	
C4189-92	ECJ0EB1A104K	C 0.1UF, K, 10V	4	
C4193	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4194-97	F1H1C104A065	C 0.1UF, K, 16V	4	
C4198	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4199	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4200	F2G0J470A019	E 47UF 6.3V	1	
C4201	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4204	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4205,06	F1H1C104A065	C 0.1UF, K, 16V	2	
C4208,09	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4211	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4212	EEEHB0G221P	C 220PF, J, 4V	1	
C4213	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4214	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4215	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4216	F2G0J470A019	E 47UF 6.3V	1	
C4217	F1H1C104A065	C 0.1UF, K, 16V	1	
C4218	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4219	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4220	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4224	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4225	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4226	ECJ1XC1H680J	C 68PF, J, 50V	1	
C4227	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C4228	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4229	F1H1C104A065	C 0.1UF, K, 16V	1	
C4230-34	ECJ0EB1A104K	C 0.1UF, K, 10V	5	
C4235	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4236-42	ECJ0EB1A104K	C 0.1UF, K, 10V	7	
C4243,44	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4245,46	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4248	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4250,51	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4252	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4253	F2G0J470A019	E 47UF 6.3V	1	
C4255	ECJ1VB1H562K	C 5600PF, K, 50V	1	
C4256	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4257	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C4258	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4259	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4261-65	ECJ0EB1A104K	C 0.1UF, K, 10V	5	
C4266	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4267,68	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4269	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4270	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4272	F2G0J470A019	E 47UF 6.3V	1	
C4273-75	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4276	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4277	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C4281-84	ECJ0EB1A104K	C 0.1UF, K, 10V	4	
C4287,88	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4289,90	EEEHB0J330R	C 33PF, J, 6.3V	2	
C4291,92	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4296	F1J0J1060004	C 0.010UF, K, 16V	1	
C4297	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4298-06	ECJ1VB1A105K	C 0.01UF, Z, 50V	9	
C4307-09	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4310	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4311	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4312	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4313,14	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4315	F1J0J1060004	C 0.010UF, K, 16V	1	
C4316-18	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4320-22	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4325	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4327	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4329,30	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4331	F1J0J1060004	C 0.010UF, K, 16V	1	
C4332	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4333-38	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C4339	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4340	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4341	EEEHB1C470P	C 47PF, J, 16V	1	
C4342	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4343	EEEHB1C100R	C 10PF, J, 16V	1	
C4344,45	F1J0J1060004	C 0.010UF, K, 16V	2	
C4346	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4347	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4348	EEEHB1C470P	C 47PF, J, 16V	1	
C4349	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4350,51	ECJ1XC1H181J	C 180PF, J, 50V	2	
C4352,53	ECJ1XC1H330J	C 33PF, J, 50V	2	
C4354	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4360	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4362	F1J0J1060004	C 0.010UF, K, 16V	1	
C4363,64	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4365	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4366	F2G0J470A019	E 47UF 6.3V	1	
C4367	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4371	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4372	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4373	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4374	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4375,76	ECJ0EB1H102K	C 1000PF, K, 50V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4377	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4379	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4380	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4381,82	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4383	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4384	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4385	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4386	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4387	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4388	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4389	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4390	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4391	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4392	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4393,94	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4395	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4396	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4397,98	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4399,00	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4401	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4402,03	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4404	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4405	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4406	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4407,08	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4409	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4410	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4411,12	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4413,14	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4415	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4417	F2G0J470A019	E 47UF 6.3V	1	
C4418,19	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4420,21	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4422-24	ECJ0EB1H102K	C 1000PF, K, 50V	3	
C4425,26	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4427	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4428	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4429,30	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4434	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4435	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4436-39	ECJ0EB1H102K	C 1000PF, K, 50V	4	
C4440	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4441,42	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4447	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4448	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4451	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4452	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4453,54	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4455	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4456	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4457,58	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4459	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4460	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4461	ECJ1XC1H820J	C 82PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4462	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4464	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4465	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4466	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4467	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4470	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4474	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4475,76	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4477	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4478	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4479-81	ECJ0EB1H102K	C 1000PF, K, 50V	3	
C4482	ECJ1XC1H180J	C 18PF, J, 50V	1	
C4483	ECJ1XC1H150J	C 15PF, J, 50V	1	
C4493	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4494	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4496	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4497	EEEHB0G101R	C 100PF, J, 4V	1	
C4498	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4499	EEFCD0G560ER	56UF,	1	
C4501	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4502	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4503	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4504	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4505	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4506	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4507	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4508	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4509-11	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4512	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4513	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4514	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4515,16	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4517	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4518	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4519	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4520	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4521	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4522	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4523	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4524	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4525	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4526	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4527	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4528	F2G0J470A019	E 47UF 6.3V	1	
C4529	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4530,31	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4532,33	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4534	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4535	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4536	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4537	EEEHB0G101R	C 100PF, J, 4V	1	
C4538	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4539	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4540	ECJ0EB1H102K	C 1000PF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4541	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4543	F1H1C104A065	C 0.1UF, K, 16V	1	
C4544	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C5604	ECA1HHG100	E 10UF, 50V	1	
C5605	EEUFC1E471	E 470UF, 25V	1	
C5606	ECA1CM471	E 470UF, 16V	1	
C5609	ECA1HM220	E 22UF, 50V	1	
C5611	F2A1H331A257	E 330UF, 50V	1	
C5612	ECA1CM471	E 470UF, 16V	1	
C5613	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5616	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5617	ECA1CM471	E 470UF, 16V	1	
C5618,19	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C5622	ECA1CM471	E 470UF, 16V	1	
C5623	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5626	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5633	ECA1EM221	E 220UF, 25V	1	
C5637	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5641-44	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C5645	ECA1CHG470	E 47UF, 16V	1	
C5646	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C5647	ECA1CHG470	E 47UF, 16V	1	
C5648	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C5670	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5672	ECA1HHG100	E 10UF, 50V	1	
C5673	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5685	ECA1HHG100	E 10UF, 50V	1	
C5686	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C5801,02	EEUFC1E471	E 470UF, 25V	2	
C5804	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5805	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C5809	ECJ3XF1E105Z	C 1UF, Z, 25V	1	
C5810	ECA1EHG470	E 47UF, 25V	1	
C6001	F1L2J562A022	C 5600UF, K,6.3V	1	
C6011-14	F2A2T201A001	E 200UF,	4	
C6021	F1L2J562A022	C 5600UF, K,6.3V	1	
C6031	ECQE2255JF	P 2.5UF, K,250V	1	
C6041-44	TCUY1C105ZFN	C 1UF, 16V	4	
C6111,12	F2A2D221A022	E 220UF, 200V	2	
C6132	F1L1E4750004	C 4.7UF, 25V	1	
C6134,35	F1L1E4750004	C 4.7UF, 25V	2	
C6151	F1K1E1050001	C 1UF, Z, 25V	1	
C6152-55	F1L1E4750004	C 4.7UF, 25V	4	
C6192	F1K1E1050001	C 1UF, Z, 25V	1	
C6194,95	F1L1E4750004	C 4.7UF, 25V	2	
C6201,02	F0C2E405A176	E 0.040UF, 250V	2	
C6211,12	F1L1E4750004	C 4.7UF, 25V	2	
C6213,14	ECA1EM471	E 470UF, 25V	2	
C6221	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6241	ECA1EM471	E 470UF, 25V	1	
C6242	TCUY1C105ZFN	C 1UF, 16V	1	
C6243	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6251	TCUY1C105ZFN	C 1UF, 16V	1	
C6261,62	ECA2CM101	E 100UF, 160V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6271	F1K1E1050001	C 1UF, Z, 25V	1	
C6272,73	EEUFC1E221	E 220UF, 25V	2	
C6401	F1L2J562A022	C 5600UF, K,6.3V	1	
C6411-14	F2A2T201A001	E 200UF,	4	
C6421	F1L2J562A022	C 5600UF, K,6.3V	1	
C6431	F0C2E405A176	E 0.040UF, 250V	1	
C6472	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6480	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6502	F1L1E4750004	C 4.7UF, 25V	1	
C6504,05	F1L1E4750004	C 4.7UF, 25V	2	
C6511,12	F0C2E405A176	E 0.040UF, 250V	2	
C6521	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6522	F1L1E4750004	C 4.7UF, 25V	1	
C6524,25	F1L1E4750004	C 4.7UF, 25V	2	
C6527	F1L1E4750004	C 4.7UF, 25V	1	
C6561	F2A1A1010074	E 100UF, 10V	1	
C6563	F2A1A1010074	E 100UF, 10V	1	
C6565,66	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C6581	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6582	TCUY1C105ZFN	C 1UF, 16V	1	
C6591	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6592	ECA1EM471	E 470UF, 25V	1	
C6593	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6601,02	F1L1E4750004	C 4.7UF, 25V	2	
C6603	F1K2J102A014	C 1000UF, K,6.3V	1	
C6604	F2A2V470A020	E 47UF, 350V	1	
C6605	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6606	F1K2J102A014	C 1000UF, K,6.3V	1	
C6610	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6611	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6612	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6620	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6641	ECQE2224KF	P 2.2UF, K,250V	1	
C6661,62	F1K2J102A014	C 1000UF, K,6.3V	2	
C6671	F1L1E4750004	C 4.7UF, 25V	1	
C6681,82	F1L1E4750004	C 4.7UF, 25V	2	
C6683	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6691	ECA2CM101	E 100UF, 160V	1	
C6701-08	ECJ2XB1H104K	C 0.1UF, K, 50V	8	
C6721	ECA1HM101	E 100UF, 50V	1	
C6723-25	F1L1E4750004	C 4.7UF, 25V	3	
C6726,27	TCUY1C105ZFN	C 1UF, 16V	2	
C6728	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6752	TCUY1C105ZFN	C 1UF, 16V	1	
C6753	F1L1E4750004	C 4.7UF, 25V	1	
C6754	ECA1VM470	E 47UF, 35V	1	
C6755	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6771	TCUY1C105ZFN	C 1UF, 16V	1	
C6772,73	F1L1E4750004	C 4.7UF, 25V	2	
C6775	F1L1E4750004	C 4.7UF, 25V	1	
C6776,77	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C6791	EEUFC1E221	E 220UF, 25V	1	
C6795,96	EEUFC1E221	E 220UF, 25V	2	
C6802	EEUFC1E221	E 220UF, 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6803	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6804	F2A2E100A022	E 10UF, 250V	1	
C6805	TCUY1C105ZFN	C 1UF, 16V	1	
C6806,07	ECA2CM101	E 100UF, 160V	2	
C6811	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6812	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6822	F2A2V100A019	E 10UF, 350V	1	
C6823	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6841,42	ECA2CM101	E 100UF, 160V	2	
C6845	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6861	TCUY1C105ZFN	C 1UF, 16V	1	
C6862	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6863	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6871	TCUY1C105ZFN	C 1UF, 16V	1	
C6872	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6873	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6901	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6902	TCUY1C105ZFN	C 1UF, 16V	1	
C6904	TCUY1C105ZFN	C 1UF, 16V	1	
C6906	TCUY1C105ZFN	C 1UF, 16V	1	
C6908	TCUY1C105ZFN	C 1UF, 16V	1	
C6910	TCUY1C105ZFN	C 1UF, 16V	1	
C6912	TCUY1C105ZFN	C 1UF, 16V	1	
C6914-18	ECJ2XB1H221K	C 220PF, K, 50V	5	
C6931	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6932-35	F1L2E105A013	E 0.10UF, 25V	4	
C6951	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6952	TCUY1C105ZFN	C 1UF, 16V	1	
C6954	TCUY1C105ZFN	C 1UF, 16V	1	
C6956	TCUY1C105ZFN	C 1UF, 16V	1	
C6958	TCUY1C105ZFN	C 1UF, 16V	1	
C6960	TCUY1C105ZFN	C 1UF, 16V	1	
C6962	TCUY1C105ZFN	C 1UF, 16V	1	
C6964-68	ECJ2XB1H221K	C 220PF, K, 50V	5	
C6981	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6982-85	F1L2E105A013	E 0.10UF, 25V	4	
C7108	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7110	TCUY1C105ZFN	C 1UF, 16V	1	
C7111,12	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7114	TCUY1C105ZFN	C 1UF, 16V	1	
C7115	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7116	TCUY1C105ZFN	C 1UF, 16V	1	
C7117	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7119	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7121	TCUY1C105ZFN	C 1UF, 16V	1	
C7122	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7123	TCUY1C105ZFN	C 1UF, 16V	1	
C7124	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7126	TCUY1C105ZFN	C 1UF, 16V	1	
C7127	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7130	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7134	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7137,38	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7140	TCUY1C105ZFN	C 1UF, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7141	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7143	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7145	TCUY1C105ZFN	C 1UF, 16V	1	
C7146	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7148	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7201	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7203	TCUY1C105ZFN	C 1UF, 16V	1	
C7204,05	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7207	TCUY1C105ZFN	C 1UF, 16V	1	
C7208	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7209	TCUY1C105ZFN	C 1UF, 16V	1	
C7210	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7212	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7214	TCUY1C105ZFN	C 1UF, 16V	1	
C7215	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7216	TCUY1C105ZFN	C 1UF, 16V	1	
C7217	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7219	TCUY1C105ZFN	C 1UF, 16V	1	
C7220	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7223	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7225	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7227	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7229	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7235	TCUY1C105ZFN	C 1UF, 16V	1	
C7236	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7238	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7240	TCUY1C105ZFN	C 1UF, 16V	1	
C7241	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7244	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7701	ECJ1XC1H330J	C 33PF, J, 50V	1	
C7702	EEEHB0G470R	C 47PF, J, 4V	1	
C7703,04	ECJ1XC1H330J	C 33PF, J, 50V	2	
C7705	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7707	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7708	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C7709	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7711	ECJ1XC1H330J	C 33PF, J, 50V	1	
C7721,22	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C7723	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7751	EEVHB0G221P	E 220UF, 4V	1	
C7755	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7756	ECJ2FB1A105K	C 1UF, K, 10V	1	
C7758	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7760	ECJ2FB1A105K	C 1UF, K, 10V	1	
C7761-64	ECJ1XC1H330J	C 33PF, J, 50V	4	
C8001	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8002	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8003	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8004	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8005	EEEHB1C100R	C 10PF, J, 16V	1	TH-37PX600B
C8007	ECJ0EB1H102K	C 1000PF, K, 50V	1	TH-37PX600B
C8015	ECJ1VC1H080C	C 8PF, C, 50V	1	TH-37PX600B
C8019,20	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-37PX600B
C8021	ECJ0EB1H102K	C 1000PF, K, 50V	1	TH-37PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C8030	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8034,35	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-37PX600B
C8037	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8039,40	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-37PX600B
C8041	EEEHB0G101R	C 100PF, J, 4V	1	TH-37PX600B
C8042,43	ECJ1VC1H100C	C 10PF, C, 50V	2	TH-37PX600B
C8046-48	ECJ0EB1C103K	C0.010UF, K, 16V	3	TH-37PX600B
C8051,52	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-37PX600B
C8055	F2G0J470A019	E 47UF 6.3V	1	TH-37PX600B
C8056	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8058-61	ECJ0EB1C103K	C0.010UF, K, 16V	4	TH-37PX600B
C8062	F1G1A1540001	C 0.15UF, K, 10V	1	TH-37PX600B PAVCCZ
C8071	ECJ0EC1H270J	C 270PF, K, 50V	1	TH-37PX600B
C8073	ECJ0EC1H270J	C 270PF, K, 50V	1	TH-37PX600B
C8098	ECGRL0G680ER	C 68PF, J, 4V	1	TH-37PX600B
C8099,00	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-37PX600B
C8101,02	ECJ1VB0J105K	C 1UF, K, 6.3V	2	TH-37PX600B
C8103,04	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-37PX600B
C8105	EEEHB0G101R	C 100PF, J, 4V	1	TH-37PX600B
C8106,07	ECJ1VB0J105K	C 1UF, K, 6.3V	2	TH-37PX600B
C8108	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8109	EEEHB0G101R	C 100PF, J, 4V	1	TH-37PX600B
C8110	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8121	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8128,29	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-37PX600B
C8134	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8135	ECJ0EB1A473K	C 0.047UF, K, 10V	1	TH-37PX600B
C8136	ECGRL0G680ER	C 68PF, J, 4V	1	TH-37PX600B
C8138	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8139	ECGRL0G680ER	C 68PF, J, 4V	1	TH-37PX600B
C8140	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8141	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8142	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8143	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8144	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8145	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8146	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8147	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8148	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8149	ECJ1VB0J105K	C 1UF, K, 6.3V	1	TH-37PX600B
C8150	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8151	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8154-56	ECJ0EB1A104K	C 0.1UF, K, 10V	3	TH-37PX600B
C8157	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8160	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8161-64	ECJ0EB1C103K	C0.010UF, K, 16V	4	TH-37PX600B
C8165	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8166	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8167	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8168	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8169	EEEHB0G470R	C 47PF, J, 4V	1	TH-37PX600B
C8170	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX600B
C8171	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8172	EEEHB0G470R	C 47PF, J, 4V	1	TH-37PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C8173-75	ECJ0EB1C103K	C0.010UF, K, 16V	3	TH-37PX600B
C8176	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX600B
C8182	ECJ0EC1H121J	C 120PF, K, 50V	1	TH-37PX600B
C8186	ECJ0EC1H680J	C 680PF, K, 50V	1	TH-37PX600B
C8189	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX600B
C8193	EEEHB0J101P	C 100PF, J, 6.3V	1	TH-37PX600B
C8202,03	EEEHB1C470P	C 47PF, J, 16V	2	TH-37PX600B
C8204	ECJ3XB1C106M	C 1.0UF, K, 16V	1	TH-37PX600B
C8205,06	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-37PX600B
C8207	EEEHB1C470P	C 47PF, J, 16V	1	TH-37PX600B
C8208	ECJ3XB1C106M	C 1.0UF, K, 16V	1	TH-37PX600B
C8210	ECJ0EB1A333K	C 0.033UF, K, 10V	1	TH-37PX600B
C8212	ECJ0EB1C223K	C 0.022UF, K, 16V	1	TH-37PX600B
C8240	ECJ1VB0J105K	C 1UF, K, 6.3V	1	TH-37PX600B
C8268	ECJ1VB0J105K	C 1UF, K, 6.3V	1	TH-37PX600B
C8269	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8303	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8305,06	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-37PX600B
C8314	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX600B
C8315	ECJ2FF1A475Z	C 4.7UF, Z, 10V	1	TH-37PX600B
C8317,18	ECJ2FF1A475Z	C 4.7UF, Z, 10V	2	TH-37PX600B
C8319	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX600B
C8320-23	ECJ1VB0J105K	C 1UF, K, 6.3V	4	TH-37PX600B
C8327	F2G0J470A019	E 47UF 6.3V	1	TH-37PX600B
C8329	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8330,31	ECJ0EC1H181J	C 180PF, K, 50V	2	TH-37PX600B
C8332	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8334,35	ECJ0EC1H330J	C 330PF, K, 50V	2	TH-37PX600B
C8340	ECJ0EB1C682K	C 6800UF, K, 16V	1	TH-37PX600B
C8341	ECJ0EB1C822K	C 8200UF, K, 16V	1	TH-37PX600B
C8342,43	ECGRL0G680ER	C 68PF, J, 4V	2	TH-37PX600B
C8344	ECJ1VB1H332K	C 3300PF, K, 50V	1	TH-37PX600B
C8345	ECJ0EB1C153K	C 0.015UF, K, 16V	1	TH-37PX600B
C8349	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8350,51	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-37PX600B
C8361	EEEHB1C470P	C 47PF, J, 16V	1	TH-37PX600B
C8372	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8376	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8397	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8401	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8403,04	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-37PX600B
C8406	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX600B
C8409	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX600B
C8410	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8413,14	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-37PX600B
C8416,17	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-37PX600B
C8419	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX600B
C8421	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8423	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8424	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX600B
C8425	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-37PX600B
C8427	F2G1A101A019	E 100UF, 10V	1	TH-37PX600B
C8428	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-37PX600B
C8430-32	ECJ0EF1C104Z	C 0.10UF, Z, 16V	3	TH-37PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C8433,34	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-37PX600B
C8467	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C8501,02	ECJ0EC1H180J	C 180PF, K, 50V	2	TH-37PX600B
C8504	ECJ1VF1A105Z	C 1UF, Z, 10V	1	TH-37PX600B
C8506	ECJ2VF1C105Z	C 1UF, Z, 16V	1	TH-37PX600B
C8507	ECJ1XC1H102J	C 1000PF, J, 50V	1	TH-37PX600B
C8508	ECJ1XF1C334Z	C 0.33UF, Z, 16V	1	TH-37PX600B
C8509	EEEHB0J101P	C 100PF, J, 6.3V	1	TH-37PX600B
C8870	ECJ1XC1H471J	C 470PF, J, 50V	1	TH-37PX600B
C8872	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	TH-37PX600B
C8910	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-37PX600B
C9028,29	F1J0J1060004	C 0.010UF, K, 16V	2	
C9033,34	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9035,36	F1J0J1060004	C 0.010UF, K, 16V	2	
C9037	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C9039	F1J0J1060004	C 0.010UF, K, 16V	1	
C9040	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9044-53	ECJ1XF1C104Z	C 0.1UF, Z, 16V	10	
C9055-57	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9058	F1J0J1060004	C 0.010UF, K, 16V	1	
C9467,68	ECJ1VF1H103Z	C 0.010UF, Z, 50V	2	
C9469	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9500-06	ECJ1XB1C104K	C 0.1UF, Z, 16V	7	
C9508	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9509	ECJ1VC1H200J	C 20PF, C, 50V	1	
C9510	ECJ1XC1H150J	C 15PF, J, 50V	1	
C9511	F1J0J1060004	C 0.010UF, K, 16V	1	
C9512	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9514,15	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9516-25	ECJ1XB1C104K	C 0.1UF, Z, 16V	10	
C9526	F1J0J1060004	C 0.010UF, K, 16V	1	
C9527-30	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C9531	F1J0J1060004	C 0.010UF, K, 16V	1	
C9800	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9801	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C9802	ECJ1XC1H470J	C 47PF, J, 50V	1	
C9803	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C9804	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9805	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9806	ECGRL0G680ER	C 68PF, J, 4V	1	
C9807,08	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9809	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9815,16	ECGRL0G680ER	C 68PF, J, 4V	2	
C9817,18	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9822	F1J0J1060004	C 0.010UF, K, 16V	1	
C9823,24	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9825	ECJ1XC1H101K	C 100PF, K, 50V	1	
C9826	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9827	F1J0J1060004	C 0.010UF, K, 16V	1	
C9830-32	ECJ3XB1C106M	C 1.0UF, K, 16V	3	
C9833	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C9837	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C9838	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9839	ECJ3YB1E106M	C 10 UF, K, 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9840	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9841,42	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9843	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9844	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9845,46	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9847,48	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C9880,81	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C9882	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9883	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9884	ECJ1VC1H100C	C 10PF, C, 50V	1	
C9885	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9886	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9887	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9891	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9896	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9897	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9898	ECJ1VC1H100C	C 10PF, C, 50V	1	
C9899	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9900-51	ECJ1XB1C104K	C 0.1UF, Z, 16V	52	
C9952-54	EEFCD0G560ER	56UF,	3	
C9955-59	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C9960-64	ECJ3XB0J106M	C 10UF, M,6.3V	5	
C9965	EEFCD0G560ER	56UF,	1	
C9966	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9967	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9971	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
CB1-B8	K1MN68BA0002	68P CONNECTOR	8	
D3	K1KY40B00003	40P CONNECTOR	1	
D5	K1KB31BA0064	31P CONNECTOR	1	
D6	K1KA21A00011	21P CONNECTOR	1	
D20	K1KA20BA0296	20P CONNECTOR	1	
D25	K1KA20B00155	20P CONNECTOR	1	
D31,32	K1MN55BA0094	55P CONNECTOR	2	
D1106,07	MA729	DIODE	2	
D1117	MA3036L	ZENER DIODE	1	
D1119	MA704A	DIODE	1	
D1121	MA729	DIODE	1	
D2011-14	MA111	DIODE	4	
D2119	B0BC01100001	ZENER DIODE	1	
D2300,01	MA111	DIODE	2	
D2303,04	MA111	DIODE	2	
D2308	MA152	DIODE	1	
D2309	MA111	DIODE	1	
D2510,11	MA8056-M	ZENER DIODE	2	
D2512	MA8043LTX	ZENER DIODE	1	
D2520B	LN1271RALTR	LED	1	
D2524	MA8056-M	ZENER DIODE	1	
D2525B	LN1471YTR	LED	1	TH-37PX600B
D2526	MA8056-M	ZENER DIODE	1	TH-37PX600B
D3002-12	MA8140M	ZENER DIODE	11	
D3015,16	MA8140M	ZENER DIODE	2	
D3021-23	MA111	DIODE	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D3024	B0BC01100001	ZENER DIODE	1	
D3025	MA8140M	ZENER DIODE	1	
D3027,28	MA8140M	ZENER DIODE	2	
D3030-32	MA8140M	ZENER DIODE	3	
D3038-43	MA8140M	ZENER DIODE	6	
D3044	MA111	DIODE	1	
D3100	MA8140M	ZENER DIODE	1	
D3334-39	MA111	DIODE	6	
D3702	MA8140M	ZENER DIODE	1	
D4019-38	EZJZ0V80008B	VARISTOR	20	
D4041	EZJZ0V80008B	VARISTOR	1	
D4044,45	EZJZ0V80008B	VARISTOR	2	
D4047,48	MA3056M	ZENER DIODE	2	
D4049-52	B0HCMM000014	DIODE	4	
D5606	B0BC01100001	ZENER DIODE	1	
D5607	B0BC6R600005	ZENER DIODE	1	
D5610	B0BC4R700007	ZENER DIODE	1	(PA)
D5610	MA3X78900L	ZENER DIODE	1	(H)
D5612	B0BC3R700006	ZENER DIODE	1	
D5618	B0BC03900015	ZENER DIODE	1	
D5634	MA111	DIODE	1	
D5635	MA3047H	ZENER DIODE	1	
D5637,38	MA152	DIODE	2	
D5639	MA3047H	ZENER DIODE	1	
D5640	MA3039H	ZENER DIODE	1	
D5641	MA152	DIODE	1	
D5642	MA3120M	ZENER DIODE	1	
D5643	MA152	DIODE	1	
D5644	MA3068M	ZENER DIODE	1	
D5646,47	MA152	DIODE	2	
D5649	MA111	DIODE	1	
D5801	B0JCME000037	DIODE	1	
D5804	MA3120M	ZENER DIODE	1	
D5805,06	MA152	DIODE	2	
D6001	B0HBSN000008	DIODE	1	
D6021	B0HBSN000008	DIODE	1	
D6032	MA111	DIODE	1	
D6041	B0ECHP000003	DIODE	1	
D6051	B0ECHP000003	DIODE	1	
D6061,62	B0HBSN000008	DIODE	2	
D6071,72	B0HBSN000008	DIODE	2	
D6081,82	B0HBSN000008	DIODE	2	
D6091	B0HBSN000008	DIODE	1	
D6092	B0ECHP000003	DIODE	1	
D6101-04	B0JCME000037	DIODE	4	
D6131,32	B0ECHP000003	DIODE	2	
D6151-54	B0ECHP000003	DIODE	4	
D6191-93	B0ECHP000003	DIODE	3	
D6211	B0JCME000037	DIODE	1	
D6221	B0ECHP000003	DIODE	1	
D6222,23	MA111	DIODE	2	
D6251,52	MA8330M	ZENER DIODE	2	
D6253	LNJ301MPUJA	LED	1	
D6254	MA8051L	ZENER DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6255	MA111	DIODE	1	
D6401	B0HBSN000008	DIODE	1	
D6431,32	B0HBSP000019	DIODE	2	
D6441	B0ECHP000003	DIODE	1	
D6451	B0ECHP000003	DIODE	1	
D6461,62	B0HBSN000008	DIODE	2	
D6466	MA111	DIODE	1	
D6471	B0HBSN000008	DIODE	1	
D6472	B0ECHP000003	DIODE	1	
D6477	MA111	DIODE	1	
D6478	B0HCKS000002	DIODE	1	
D6480	MA111	DIODE	1	
D6481,82	B0HBSN000008	DIODE	2	
D6491	B0HBSP000019	DIODE	1	
D6497	MA111	DIODE	1	
D6501,02	B0ECHP000003	DIODE	2	
D6521-24	B0ECHP000003	DIODE	4	
D6581,82	MA8330M	ZENER DIODE	2	
D6583	LNJ301MPUJA	LED	1	
D6584	MA8051L	ZENER DIODE	1	
D6585	MA111	DIODE	1	
D6601	MA8240M	ZENER DIODE	1	
D6602	B0ECHP000003	DIODE	1	
D6603	MA8240M	ZENER DIODE	1	
D6604	MA111	DIODE	1	
D6605	MA8051L	ZENER DIODE	1	
D6606	B0HCMM000014	DIODE	1	
D6607	MA111	DIODE	1	
D6610	MAZ81500ML	ZENER DIODE	1	
D6611-14	MA111	DIODE	4	
D6619,20	B0HCKS000002	DIODE	2	
D6621	B0HDSM000005	DIODE	1	
D6623,24	B0HDSM000005	DIODE	2	
D6641,42	B0HCKS000002	DIODE	2	
D6643	MA111	DIODE	1	
D6644	B0HCKS000002	DIODE	1	
D6661	MA111	DIODE	1	
D6662-64	MA8330M	ZENER DIODE	3	
D6665	MA8051L	ZENER DIODE	1	
D6666,67	MA111	DIODE	2	
D6671	MA111	DIODE	1	
D6682	B0HCMM000014	DIODE	1	
D6683,84	MA111	DIODE	2	
D6686,87	MA111	DIODE	2	
D6701,02	MA8056H	ZENER DIODE	2	
D6721	B0HCKS000002	DIODE	1	
D6723,24	B0JCME000037	DIODE	2	
D6725	B0ECHP000003	DIODE	1	
D6726-33	MA8056H	ZENER DIODE	8	
D6734	MA111	DIODE	1	
D6752	B0JCME000037	DIODE	1	
D6758	B0ECHP000003	DIODE	1	
D6760,61	MA111	DIODE	2	
D6771	B0JCME000037	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6773	B0HCKS000002	DIODE	1	
D6791	MA8200M	ZENER DIODE	1	
D6801,02	B0JCME000037	DIODE	2	
D6803	MA111	DIODE	1	
D6804	B0ECHP000003	DIODE	1	
D6805	MA111	DIODE	1	
D6806	B0ECHP000003	DIODE	1	
D6820-23	MA111	DIODE	4	
D6825	MA8330M	ZENER DIODE	1	
D6826	MA111	DIODE	1	
D6841	B0ECHP000003	DIODE	1	
D6842,43	MA111	DIODE	2	
D6859	B0ECHP000003	DIODE	1	
D6860	B0HCKS000002	DIODE	1	
D6861	MA8051L	ZENER DIODE	1	
D6862	MA111	DIODE	1	
D6871	MA8051L	ZENER DIODE	1	
D6872	MA111	DIODE	1	
D6901,02	MA8056H	ZENER DIODE	2	
D6903,04	B0ECHP000003	DIODE	2	
D6951,52	MA8056H	ZENER DIODE	2	
D6953,54	B0ECHP000003	DIODE	2	
D7752	B3AEB0000065	DIODE	1	
D8002	MA728	DIODE	1	TH-37PX600B
D8203,04	B0JCPE000004	DIODE	2	TH-37PX600B
D8501	B0CCAB000039	DIODE	1	TH-37PX600B
D9017-19	MA3033	ZENER DIODE	3	
D9020	MA728	DIODE	1	
D9100-03	B0JCGD000002	DIODE	4	
D9105,06	B0JCGD000002	DIODE	2	
D9110	B0JCGD000002	DIODE	1	
D9300,01	MA152K	DIODE	2	
D9800	B0JCME000037	DIODE	1	
D9801	B0JCDD000002	DIODE	1	
D9802	MA728	DIODE	1	
D9804	MA152K	DIODE	1	
D9807,08	MA152K	DIODE	2	
D9811	MA728	DIODE	1	
D9812	B0JCME000037	DIODE	1	
D9813	B0JCDD000002	DIODE	1	
D9814	B0JCME000037	DIODE	1	
D9815	B0JCDD000002	DIODE	1	
DG1	K1KY80A00011	80P CONNECTOR	1	
DG2	K1KA15B00074	15P CONNECTOR	1	
DG3	K1KY40B00003	40P CONNECTOR	1	
DG5	K1KB21BA0063	21P CONNECTOR	1	
DG8,G9	K1FY119D0001	CONNECTOR	2	
DG15	K1KY40B00003	40P CONNECTOR	1	
DG20	K1MN40B00045	40P CONNECTOR	1	
DG22	K1KBB0A00009	CONNECTOR	1	TH-37PX600B
DG35	K1KA07BA0047	7P CONNECTOR	1	
FL3301,02	J0HABB000003	LC FILTER	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
FL3303-05	J0HABB000004	LC FILTER	3	
FL4010,11	J0HABH000012	LC FILTER	2	TH-37PX600B
FL4015	J0HABH000012	LC FILTER	1	TH-37PX600B
FL7101	J0HABH000013	LC FILTER	1	
FL7201	J0HABH000013	LC FILTER	1	
FL9300,01	F1J1E1040022	C 0.10UF, Z, 25V	2	
FL9800,01	J0HABH000013	LC FILTER	2	
FL9803,04	J0HABH000012	LC FILTER	2	
FL9805-07	J0HABH000013	LC FILTER	3	
FL9900-02	F1J1E1040022	C 0.10UF, Z, 25V	3	
FL9903,04	J0HABH000013	LC FILTER	2	
G1	K1KA12A00317	12P CONNECTOR	1	
G3	K1KA03BA0047	3P CONNECTOR	1	
G51	K1KA30AA0009	30P CONNECTOR	1	
GK3	K1KA03BA0061	3P CONNECTOR	1	
GS12	K1MN40A00025	40P CONNECTOR	1	
GS52	K1KA20AA0009	20P CONNECTOR	1	
H1	K1KY80A00011	80P CONNECTOR	1	
H2	K1KA15A00148	15P CONNECTOR	1	
H5	K1KA15AA0288	15P CONNECTOR	1	
H6	K1KA09A00230	9P CONNECTOR	1	
H15	K1KA04AA0150	4P CONNECTOR	1	
H40	K1KA20AA0009	20P CONNECTOR	1	
H51	K1KA30AA0009	30P CONNECTOR	1	
H52	K1KA20AA0009	20P CONNECTOR	1	
HC01	K1KA21A00011	21P CONNECTOR	1	
HC12	K1KA09AA0190	9P CONNECTOR	1	
HC15	K1KY40B00003	40P CONNECTOR	1	
HC21	K1KA08AA0193	8P CONNECTOR	1	
HC22	K1KA11AA0194	11P CONNECTOR	1	
IC1100	C3ABPG000145	IC	1	
IC1101	TVRN990	IC	1	PAVCCZ
IC1102	TVRN751	IC	1	TH-37PV600E PAVCCZ
IC1102	TVRN757	IC	1	TH-37PX600B PAVCCZ
IC1103	MN103SB20RGL	IC	1	
IC1105,06	C0JBAS000128	IC	2	TH-37PX600B
IC1107	C0JBAS000128	IC	1	
IC1110	C0CBCAD00016	IC	1	
IC1111	C0EBY0000041	IC	1	
IC2103	AN77L08M	IC	1	
IC2104	C0ABBA000168	IC	1	
IC2105	AN15862A-VT	IC	1	
IC2106	C1AB00002469	IC	1	
IC2109	C1BB00000947	IC	1	
IC2110	AN7705SP	IC	1	
IC2300,01	C0ABBA000168	IC	2	
IC2302	C1AB00002451	IC	1	
IC2303	C1AB00002452	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC2304-07	**C0ABBA000168**	**IC**	**4**	
IC2511	**B3L000000020**	**IC**	**1**	
IC3005	**AN15867A-VT**	**IC**	**1**	
IC3301	**C0JBAZ002205**	**IC**	**1**	
IC4013	**C0CBCBF00009**	**IC**	**1**	
IC4014	**C0CBCAC00282**	**IC**	**1**	
IC4016	**C0CBCAC00275**	**IC**	**1**	
IC4017	**C0CBCAC00282**	**IC**	**1**	
IC4018	**C0CBCAC00275**	**IC**	**1**	
IC4019	**C1AB00002456**	**IC**	**1**	
IC4020	**C1AB00002202**	**IC**	**1**	
IC4022	**TVRN916**	**IC**	**1**	
IC4023	**TVRN917**	**IC**	**1**	
IC4025	**C0FBBK000038**	**IC**	**1**	
IC4026	**C1AB00002535**	**IC**	**1**	
IC4027	**C0DBFFD00003**	**IC**	**1**	
IC4028	**C0ABBB000230**	**IC**	**1**	
IC4029	**C0CBCAC00282**	**IC**	**1**	
IC4030	**C0CBCBC00190**	**IC**	**1**	
IC4032	**C0DBGYY00052**	**IC**	**1**	
IC4035	**C0CBCAF00031**	**IC**	**1**	
IC4036	**C0JBAP000020**	**IC**	**1**	
IC4037	**MN84522-A**	**IC**	**1**	
IC4038	**C3ABQJ000048**	**IC**	**1**	
IC4040	**C0CBCAC00282**	**IC**	**1**	
IC5601	**N0BG2DE00001**	**IC**	**1**	
IC5602	**EHMDD9851**	**LINEAR IC**	**1**	
IC5603	**C0DBAJB00004**	**IC**	**1**	
IC5604	**C0DBZGC00067**	**IC**	**1**	
IC5801	**C0DBAZF00003**	**IC**	**1**	
IC6131	**C0ZBZ0000895**	**IC**	**1**	
IC6151	**C0ZBZ0001324**	**IC**	**1**	
IC6191	**C0ZBZ0000895**	**IC**	**1**	
IC6211	**C0ZBZ0001325**	**IC**	**1**	
IC6221	**C0DBEMB00005**	**IC**	**1**	
IC6241	**C0JBAZ000005**	**IC**	**1**	
IC6251	**NJM2903M**	**INTEGRATED CIRCUIT**	**1**	
IC6471	**C0DBEKA00003**	**IC**	**1**	
IC6472	**C0JBAA000377**	**IC**	**1**	
IC6501	**C0ZBZ0000895**	**IC**	**1**	
IC6521	**C0ZBZ0001324**	**IC**	**1**	
IC6561,62	**C0JBAZ000005**	**IC**	**2**	
IC6581	**NJM2903M**	**INTEGRATED CIRCUIT**	**1**	
IC6601	**C0ZBZ0001325**	**IC**	**1**	
IC6602	**C0JBAB000715**	**IC**	**1**	
IC6610	**NJM2903M**	**INTEGRATED CIRCUIT**	**1**	
IC6671	**C0ZBZ0001325**	**IC**	**1**	
IC6681	**C0ZBZ0001325**	**IC**	**1**	
IC6682	**C0JBAA000377**	**IC**	**1**	
IC6721,22	**C0JBAZ000994**	**IC**	**2**	
IC6724,25	**C0CBADC00089**	**IC**	**2**	
IC6751	**C0CBADC00089**	**IC**	**1**	
IC6752	**C0ZBZ0001325**	**IC**	**1**	
IC6753	**C0JBAB000715**	**IC**	**1**	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC6771	C0CBADC00089	IC	1	
IC6772	C0ZBZ0001325	IC	1	
IC6773,74	C0JBAA000377	IC	2	
IC6791	N0BF1FB00001	IC	1	
IC6801,02	C0DBEMB00005	IC	2	
IC6821	C0DBEMB00005	IC	1	
IC6841	C0DBEMB00005	IC	1	
IC6861	NJM2903M	INTEGRATED CIRCUIT	1	
IC6871	NJM2903M	INTEGRATED CIRCUIT	1	
IC6901-06	AN16072A-VT	IC	6	
IC6951-56	AN16072A-VT	IC	6	
IC7101-05	C0JBAZ001120	IC	5	
IC7201-05	C0JBAZ001120	IC	5	
IC7751	C0JBAZ000851	IC	1	
IC8003	STV0360CT	IC	1	TH-37PX600B PAVCCZ
IC8009	C3ABQG000095	IC	1	TH-37PX600B PAVCCZ
IC8013	MN2WS0025BEA	IC	1	TH-37PX600B PAVCCZ
IC8019	TVRN789	IC	1	TH-37PX600B PAVCCZ
IC8023,24	C0DBAMH00018	IC	2	TH-37PX600B
IC8029	C0FBBK000038	IC	1	TH-37PX600B
IC8031	BA15218FDX	IC	1	TH-37PX600B
IC8034	C0DBEHG00006	IC	1	TH-37PX600B
IC8042	C0EBM0000026	IC	1	TH-37PX600B
IC8213	C0JBAZ001137	IC	1	TH-37PX600B
IC8402	74LVC4245AD	IC	1	TH-37PX600B PAVCCZ
IC8404	C0JBAZ002691	IC	1	TH-37PX600B PAVCCZ
IC8405	C0ZBZ0001333	IC	1	TH-37PX600B PAVCCZ
IC8408-11	C0JBAZ002691	IC	4	TH-37PX600B PAVCCZ
IC8412	C0JBAZ001137	IC	1	TH-37PX600B
IC8501	74VHCU04MXNL	IC	1	TH-37PX600B PAVCCZ
IC8864	C0DBFFD00003	IC	1	TH-37PX600B
IC9001	TVRN807-1	IC	1	
IC9002	C0ZBZ0001330	IC	1	
IC9003	TVRN805-1	IC	1	PAVCCZ
IC9007	TVRN813	IC	1	
IC9011	C0EBF0000431	IC	1	
IC9200	C1ZBZ0003185	IC	1	
IC9303	TVRN818	IC	1	PAVCCZ
IC9500	C1ZBZ0002599	IC	1	
IC9502	PST9128NR	IC (LOGIC)	1	
IC9503,04	C0JBAZ001120	IC	2	
IC9800	C0DBAYY00054	IC	1	
IC9801	C0DBZFG00066	IC	1	
IC9802,03	C0JBAZ001120	IC	2	
IC9806	C0DBAHD00011	IC	1	
IC9807	C0DBAYY00054	IC	1	
IC9809	C0DBAYY00054	IC	1	
IC9900	MN84521-A	IC	1	
IC9901	C3ABQJ000051	IC	1	
JK2002,03	K4BK03A00002	AV TERMENAL	2	
JK3001	K1FB315A0005	JACK	1	
JK3002-04	K1FB121A0010	CONNECTOR	3	PAVCCZ
JK3005	K2HA307A0007	JACK	1	PAVCCZ

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
JK3701	K4AK23B00001	TERMINAL BOARD	1	PAVCCZ
JK7701	K1NA09E00080	9P CONNECTOR	1	
JK8401	K1NA68B00042	68P CONNECTOR	1	TH-37PX600B PAVCCZ
JS001	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-37PX600B
JS012	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-37PX600B
JS1100-02	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
JS1109	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS1117	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS2021,22	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2026	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2031-33	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS2108,09	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2123,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2300-03	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS2318,19	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS2331	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3005	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3007-20	ERJ6GEY0R00	M 0 OHM, 1/10W	14	
JS3023	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3037-39	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3201	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3206	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3215	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3220,21	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3230	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3237-39	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3252	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3255	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3256,57	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3302-04	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3307-12	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS3352	J0JCC0000241	CHIP INDUCTOR	1	
JS3354-59	J0JCC0000241	CHIP INDUCTOR	6	
JS3362,63	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3402,03	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3404,05	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3704,05	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3707,08	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3711-14	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS3715	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4013-17	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
JS4020-24	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
JS4025,26	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
JS4027,28	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
JS4029	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
JS4033-40	ERJ2GE0R00	M 0.0 OHM, J,0.063W	8	
JS4042,43	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-37PX600B
JS4046	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PV600E
JS4047,48	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-37PX600B
JS4069	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
JS4075	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B
JS4077	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B
JS4079	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
JS4093	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PV600E
JS4099	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B
JS4103	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PV600E
JS4104	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS4108	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS4111-13	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS5603	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS7702	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS7711	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS7721-23	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
K1	K1KY12B00001	12P CONNECTOR	1	
L008	J0JCC0000241	CHIP INDUCTOR	1	
L012	J0JCC0000241	CHIP INDUCTOR	1	
L017	J0JCC0000241	CHIP INDUCTOR	1	
L018	J0JGC0000021	CHIP INDUCTOR COIL	1	
L019	J0JCC0000241	CHIP INDUCTOR	1	TH-37PV600E
L020	J0JGC0000021	CHIP INDUCTOR COIL	1	
L021	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L1101-04	J0JHC0000078	CHIP INDUCTOR	4	
L1109	J0JHC0000078	CHIP INDUCTOR	1	
L2001,02	J0JCC0000364	CHIP INDUCTOR	2	
L2003-16	TSK1032	BEAD CHOKE	14	
L2107	TSK1032	BEAD CHOKE	1	
L2108	J0JCC0000241	CHIP INDUCTOR	1	
L2109,10	TSK1032	BEAD CHOKE	2	
L2111,12	J0JCC0000241	CHIP INDUCTOR	2	
L2115	J0JCC0000241	CHIP INDUCTOR	1	
L2117	ELESE6R8KA	PEAKING COIL	1	
L2118	EXCELDR35C	BEAD CHOKE	1	
L2123	J0JCC0000241	CHIP INDUCTOR	1	
L2178,79	J0JCC0000241	CHIP INDUCTOR	2	
L2182-87	J0JCC0000241	CHIP INDUCTOR	6	
L2204	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L2205,06	J0JCC0000241	CHIP INDUCTOR	2	
L2300-07	G0C330MA0049	PEAKING COIL	8	
L2308	TALL08N3R9MA	INDUCTION COIL	1	
L3000	G0C101K00023	PEAKING COIL	1	
L3001-03	TSK1032	BEAD CHOKE	3	
L3009	TSK1032	BEAD CHOKE	1	
L3026	TSK1032	BEAD CHOKE	1	
L3202	J0JCC0000241	CHIP INDUCTOR	1	
L3205	J0JCC0000241	CHIP INDUCTOR	1	
L3700,01	J0JCC0000364	CHIP INDUCTOR	2	
L3707,08	TSK1032	BEAD CHOKE	2	
L4021	J0JHC0000078	CHIP INDUCTOR	1	
L4023	J0JHC0000078	CHIP INDUCTOR	1	
L4027	J0JBC0000080	CHIP INDUCTOR	1	
L4028,29	J0JHC0000078	CHIP INDUCTOR	2	
L4031,32	J0JHC0000078	CHIP INDUCTOR	2	
L4033	TALC168T100K	CHIP INDUCTOR COIL	1	
L4034	J0JCC0000077	CHIP INDUCTOR	1	
L4037	J0JCC0000077	CHIP INDUCTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L4038	J0JHC0000078	CHIP INDUCTOR	1	
L4040-46	J0JHC0000078	CHIP INDUCTOR	7	
L4048	J0JHC0000078	CHIP INDUCTOR	1	
L4049	J0JBC0000080	CHIP INDUCTOR	1	
L4050,51	J0JHC0000078	CHIP INDUCTOR	2	
L4052	J0JCC0000077	CHIP INDUCTOR	1	
L4053-55	J0JHC0000078	CHIP INDUCTOR	3	
L4056,57	J0JCC0000077	CHIP INDUCTOR	2	
L4060,61	J0JCC0000077	CHIP INDUCTOR	2	
L4065,66	J0JHC0000078	CHIP INDUCTOR	2	
L4068-70	J0JHC0000078	CHIP INDUCTOR	3	
L4071	J0JBC0000080	CHIP INDUCTOR	1	
L4073	J0JHC0000078	CHIP INDUCTOR	1	
L4075,76	J0JHC0000078	CHIP INDUCTOR	2	
L4077	J0JCC0000077	CHIP INDUCTOR	1	
L4078	J0JHC0000078	CHIP INDUCTOR	1	
L5602	TALL08N2R7MA	INDUCTION COIL	1	
L5604	TALL08N2R7MA	INDUCTION COIL	1	
L5605	G0A2R7ZA0021	CHOKE COIL	1	
L5606,07	G0A220GA0002	CHOKE COIL	2	
L5608	G1C100MA0072	INDUCTION COIL	1	
L5609	G0A220GA0002	CHOKE COIL	1	
L5610	G1C470MA0077	INDUCTION COIL	1	
L5612	TALL08N2R7MA	INDUCTION COIL	1	
L5615	TALL08N150KA	INDUCTION COIL	1	
L5621	G1C330MA0234	INDUCTION COIL	1	
L5622,23	G1C150MA0234	INDUCTION COIL	2	
L5624	G1C330MA0234	INDUCTION COIL	1	
L5651	G0A220GA0002	CHOKE COIL	1	
L5801	G0C101K00023	PEAKING COIL	1	
L5802	TALL08N101KA	INDUCTION COIL	1	
L6001-03	G0C2R2ZA0024	PEAKING COIL	3	PAVCCZ
L6011-13	G0C2R2KA0151	PEAKING COIL	3	PAVCCZ
L6061-68	G0ZZ00002183	PEAKING COIL	8	
L6081-88	G0ZZ00002183	PEAKING COIL	8	
L6101,02	J0JJC0000011	CHIP INDUCTOR	2	
L6103	G0ZZ00002183	PEAKING COIL	1	
L6104,05	J0JJC0000011	CHIP INDUCTOR	2	
L6211,12	J0JJC0000011	CHIP INDUCTOR	2	
L6221	G0ZZ00002183	PEAKING COIL	1	
L6241	G0ZZ00002183	PEAKING COIL	1	
L6262	G0ZZ00002183	PEAKING COIL	1	
L6271,72	G0ZZ00002183	PEAKING COIL	2	
L6401-03	G0C2R2ZA0024	PEAKING COIL	3	PAVCCZ
L6411-13	G0C2R2KA0151	PEAKING COIL	3	PAVCCZ
L6461-68	G0ZZ00002183	PEAKING COIL	8	
L6472,73	G0ZZ00002183	PEAKING COIL	2	
L6481-88	G0ZZ00002183	PEAKING COIL	8	
L6591,92	G0ZZ00002183	PEAKING COIL	2	
L6601,02	G0ZZ00002183	PEAKING COIL	2	
L6801,02	J0JJC0000011	CHIP INDUCTOR	2	
L6841	J0JJC0000011	CHIP INDUCTOR	1	
L8004	J0JHC0000045	CHIP INDUCTOR	1	TH-37PX600B
L8008	J0JHC0000045	CHIP INDUCTOR	1	TH-37PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L8026	J0JHC0000035	CHIP INDUCTOR	1	TH-37PX600B
L8031-33	J0JHC0000045	CHIP INDUCTOR	3	TH-37PX600B
L8037	J0JCC0000078	CHIP INDUCTOR	1	TH-37PX600B
L8038	J0JHC0000045	CHIP INDUCTOR	1	TH-37PX600B
L8042	J0JHC0000045	CHIP INDUCTOR	1	TH-37PX600B
L8046	ELJPA1R0MFB	INDUCTION COIL	1	TH-37PX600B
L8047	G1C680MA0173	INDUCTION COIL	1	TH-37PX600B PAVCCZ
L8048	G1C330MA0173	INDUCTION COIL	1	TH-37PX600B PAVCCZ
L8049	J0JHC0000045	CHIP INDUCTOR	1	TH-37PX600B
L8051	J0JCC0000241	CHIP INDUCTOR	1	TH-37PX600B
L8055	G1C100MA0077	INDUCTION COIL	1	TH-37PX600B
L8059	J0JHC0000045	CHIP INDUCTOR	1	TH-37PX600B
L8106	ELJFA2R7JBB	CHIP INDUCTOR	1	TH-37PX600B PAVCCZ
L8145	J0JHC0000045	CHIP INDUCTOR	1	TH-37PX600B
L8501	ELJNA2R7JFB	CHIP INDUCTOR	1	TH-37PX600B
L9500	G1C150KA0038	INDUCTION COIL	1	
L9501,02	J0JHC0000078	CHIP INDUCTOR	2	
L9800	G1C3R0MA0248	INDUCTION COIL	1	
L9801,02	G1C2R2MA0241	INDUCTION COIL	2	
L9810	J0JHC0000045	CHIP INDUCTOR	1	
NPM	RD-SD0010P	SD MODULE	1	
PA1	K1KA04AA0192	4P CONNECTOR	1	
PA2	K1KA05AA0192	5P CONNECTOR	1	
PA5	K1KA11AA0194	11P CONNECTOR	1	
PA10	K1KA06A00452	6P CONNECTOR	1	
PA20	K1MN40A00024	40P CONNECTOR	1	
PA31-33	K1KA03AA0192	3P CONNECTOR	3	
PA40	K1KA20AA0009	20P CONNECTOR	1	
PA1101	K5H8012A0023	FUSE	1	
PA2100	K5H1622A0023	FUSE	1	
PA3100	K5H1622A0023	FUSE	1	
PA3104	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
PA7751	K5H1622A0023	FUSE	1	
PA9800	K5H4022A0023	FUSE	1	
PC6480	B3PBA0000223	IC	1	
PC6701-03	B3PBA0000233	IC	3	
PC6704	B3PBA0000234	IC	1	
PC6705	B3PBA0000233	IC	1	
PC6760	B3PBA0000223	IC	1	
PC6801	B3PBA0000223	IC	1	
PC6861	B3PBA0000223	IC	1	
PC6871	B3PBA0000223	IC	1	
Q002	2SA207700L	TRANSISTOR	1	
Q1100-03	2SC584500L	TRANSISTOR	4	
Q1106,07	2SC584500L	TRANSISTOR	2	TH-37PX600B
Q1108	2SC584500L	TRANSISTOR	1	
Q1109,10	B1CBHD000002	FET	2	
Q1111	2SC584500L	TRANSISTOR	1	
Q1113-18	2SC584500L	TRANSISTOR	6	
Q1120-22	2SC584500L	TRANSISTOR	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q1130	2SC584500L	TRANSISTOR	1	
Q1131	B1ABDF000034	TRANSISTOR	1	
Q1134	2SC584500L	TRANSISTOR	1	
Q1135	B1ABDF000034	TRANSISTOR	1	
Q1137-43	2SC584500L	TRANSISTOR	7	
Q2001-04	2SC584500L	TRANSISTOR	4	
Q2006,07	2SC584500L	TRANSISTOR	2	
Q2009,10	2SC584500L	TRANSISTOR	2	
Q2011	2SA207700L	TRANSISTOR	1	
Q2012	2SC584500L	TRANSISTOR	1	
Q2013	2SA207700L	TRANSISTOR	1	
Q2102-05	2SA207700L	TRANSISTOR	4	
Q2106	2SC584500L	TRANSISTOR	1	
Q2108	2SC584500L	TRANSISTOR	1	
Q2113,14	2SC584500L	TRANSISTOR	2	
Q2300	2SA207700L	TRANSISTOR	1	(PA)
Q2300	2SC584500L	TRANSISTOR	1	(H)
Q2301	2SD601A	TRANSISTOR	1	(H)
Q2301	2SD601A	TRANSISTOR	1	(PA)
Q2302	2SC584500L	TRANSISTOR	1	
Q2305	2SD601A	TRANSISTOR	1	
Q2306-09	2SA207700L	TRANSISTOR	4	
Q2314-17	2SC584500L	TRANSISTOR	4	
Q2510,11	2SD601A	TRANSISTOR	2	
Q2518	2SD601A	TRANSISTOR	1	TH-37PX600B
Q3001	2SC584500L	TRANSISTOR	1	
Q3005	2SC584500L	TRANSISTOR	1	
Q3008	2SA207700L	TRANSISTOR	1	
Q3011	2SA207700L	TRANSISTOR	1	
Q3014,15	2SA207700L	TRANSISTOR	2	
Q3016	2SC584500L	TRANSISTOR	1	
Q3017	2SA207700L	TRANSISTOR	1	
Q3019-24	2SC584500L	TRANSISTOR	6	
Q3027-29	2SA207700L	TRANSISTOR	3	
Q3331-33	2SC2480	TRANSISTOR	3	
Q4043,44	2SA207700L	TRANSISTOR	2	
Q4046	2SA207700L	TRANSISTOR	1	
Q4050	2SC584500L	TRANSISTOR	1	
Q4051,52	2SD1030	TRANSISTOR	2	
Q4053	2SC584500L	TRANSISTOR	1	
Q4054	2SD1030	TRANSISTOR	1	
Q4055-59	2SA207700L	TRANSISTOR	5	
Q4061-69	2SC584500L	TRANSISTOR	9	
Q4070,71	B1MBACA00008	TRANSISTOR	2	
Q4082,83	2SK1228	FET	2	
Q4084	B1ABDF000034	TRANSISTOR	1	
Q4918	B1ABDF000034	TRANSISTOR	1	
Q4919	2SC584500L	TRANSISTOR	1	
Q5601	B1DHDC000028	TRANSISTOR	1	
Q5602	2SD601A	TRANSISTOR	1	
Q5603	B1DHDC000028	TRANSISTOR	1	
Q5604,05	2SD601A	TRANSISTOR	2	
Q5610	2SD601A	TRANSISTOR	1	
Q5613	2SD601A	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q5614	2SK3065T100	FET	1	
Q5641-43	2SA207700L	TRANSISTOR	3	
Q5644	2SD601A	TRANSISTOR	1	
Q6001-03	B1JADN000001	TRANSISTOR	3	
Q6021-23	B1JADN000001	TRANSISTOR	3	
Q6041,42	B1JADN000002	TRANSISTOR	2	
Q6051,52	B1JADN000002	TRANSISTOR	2	
Q6101-04	B1DFKM000002	TRANSISTOR	4	
Q6105	B1ABNF000006	TRANSISTOR	1	
Q6106	B1ADNF000006	TRANSISTOR	1	
Q6111	2SK326800L	FET	1	
Q6112	B1DFKM000002	TRANSISTOR	1	
Q6114	B1DFKM000002	TRANSISTOR	1	
Q6141	B1ABNF000006	TRANSISTOR	1	
Q6142	B1ADNF000006	TRANSISTOR	1	
Q6146	B1ABNF000006	TRANSISTOR	1	
Q6147	B1ADNF000006	TRANSISTOR	1	
Q6171	2SD2185	TRANSISTOR	1	
Q6172	B1ADRD000001	TRANSISTOR	1	
Q6181	2SD2185	TRANSISTOR	1	
Q6182	B1ADRD000001	TRANSISTOR	1	
Q6221	2SD1263A	TRANSISTOR	1	
Q6222	2SC3063	TRANSISTOR	1	
Q6251	2SD601A	TRANSISTOR	1	
Q6401-03	B1JADN000001	TRANSISTOR	3	
Q6421-23	B1JAEP000001	TRANSISTOR	3	
Q6441,42	B1JADN000002	TRANSISTOR	2	
Q6451,52	B1JADP000002	TRANSISTOR	2	
Q6471	B1CHGD000006	TRANSISTOR	1	
Q6511	B1ABNF000006	TRANSISTOR	1	
Q6512	B1ADNF000006	TRANSISTOR	1	
Q6516	B1ABNF000006	TRANSISTOR	1	
Q6517	B1ADNF000006	TRANSISTOR	1	
Q6531	2SD2185	TRANSISTOR	1	
Q6532	B1ADRD000001	TRANSISTOR	1	
Q6551	2SD2185	TRANSISTOR	1	
Q6552	B1ADRD000001	TRANSISTOR	1	
Q6581	2SD601A	TRANSISTOR	1	
Q6601	B1DFES000003	TRANSISTOR	1	
Q6602	2SD601A	TRANSISTOR	1	
Q6621	B1DFKM000001	TRANSISTOR	1	
Q6641,42	B1DFKM000001	TRANSISTOR	2	
Q6644,45	B1DFKM000001	TRANSISTOR	2	
Q6647,48	B1DFKM000001	TRANSISTOR	2	
Q6661	B1DEET000002	TRANSISTOR	1	
Q6662	2SD601A	TRANSISTOR	1	
Q6663	2SD2185	TRANSISTOR	1	
Q6671,72	B1DFET000001	TRANSISTOR	2	
Q6680	B1ADNF000006	TRANSISTOR	1	
Q6681,82	2SK389500L	FET	2	
Q6691	2SK620	FET	1	
Q6742,43	2SD601A	TRANSISTOR	2	
Q6744	2SK620	FET	1	
Q6762	B1ADNF000006	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6781	B1ABNF000006	TRANSISTOR	1	
Q6782	B1ADNF000006	TRANSISTOR	1	
Q6791	2SD601A	TRANSISTOR	1	
Q6801	B1BAEJ000014	TRANSISTOR	1	
Q6802	2SB0709A	TRANSISTOR	1	
Q6803	2SD814A	TRANSISTOR	1	
Q6804	2SD601A	TRANSISTOR	1	
Q6821	2SD1263A	TRANSISTOR	1	
Q6822	2SC3063	TRANSISTOR	1	
Q6824	2SD601A	TRANSISTOR	1	
Q6841	2SD1263A	TRANSISTOR	1	
Q6842	2SC1473A	TRANSISTOR	1	
Q7751,52	2SD601A	TRANSISTOR	2	
Q7753	2SC584500L	TRANSISTOR	1	
Q7754	2SD601A	TRANSISTOR	1	
Q8101	2SA207700L	TRANSISTOR	1	TH-37PX600B
Q8401,02	2SD601A	TRANSISTOR	2	TH-37PX600B
Q9010	2SD601A	TRANSISTOR	1	
Q9044	2SD601A	TRANSISTOR	1	
Q9046	2SD601A	TRANSISTOR	1	
Q9049	2SB709A	TRANSISTOR	1	
Q9050-54	2SD601A	TRANSISTOR	5	
Q9055-58	B1CBHD000002	FET	4	
Q9300-02	2SD601A	TRANSISTOR	3	
Q9800,01	B1MBEDA00015	TRANSISTOR	2	
Q9803	B1MBEDA00015	TRANSISTOR	1	
Q9805,06	2SD601A	TRANSISTOR	2	
R002	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R005	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R008,09	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R010	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R011	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R012,13	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R014	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R1101	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1102,03	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1105,06	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1113	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R1116	ERJ2GEJ562	M 5.6KOHM,J,0.063W	1	
R1117	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1118,19	EXB2HV680J	RESISTOR ARRAY	2	
R1121,22	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1123	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1124,25	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R1128	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1130	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1131,32	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1133,34	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1135	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1140,41	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R1145	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-37PX600B
R1146	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1147,48	D1HG5608A002	NETWORK RESISTER	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1149	EXB2HV680J	RESISTOR ARRAY	1	
R1150	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-37PX600B
R1151	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1153	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1154,55	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R1156	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1157	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1158	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1159	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1160	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-37PV600E
R1162	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-37PV600E
R1164	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1165	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1166,67	ERJ2GEJ101	M 100 OHM, J,0.063W	2	TH-37PX600B
R1168,69	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1174	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1175	ERJ2GEJ563	M 56KOHM ,J,0.063W	1	
R1176	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1177-79	ERJ2GEJ101	M 100 OHM, J,0.063W	3	
R1181	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1182	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
R1183	EXB28V680JX	RESISTOR ARRAY	1	
R1184	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1187	EXB2HV680J	RESISTOR ARRAY	1	
R1188,89	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1193,94	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1199	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1200	EXB2HV680J	RESISTOR ARRAY	1	
R1203	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1207	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1212	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1214	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1215-17	ERJ2GEJ101	M 100 OHM, J,0.063W	3	
R1218	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1220	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1221	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R1222	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R1223	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1224	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1225,26	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1228	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1229	ERJ2GEJ182	M 1.8KOHM, J,0.063W	1	
R1230	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1231	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1232,33	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R1234	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1235,36	ERJ2GEJ272	M 2.7KOHM, J,0.063W	2	
R1238	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1239	ERJ3EKF1202	M 12KOHM, 1/16W	1	
R1240	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1241	ERJ2GEJ822	M 8.2KOHM, J,0.063W	1	
R1243	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1246	ERJ2GEJ912	M 9.1KOHM, J,0.063W	1	
R1249	ERJ2GEJ473	M 47KOHM,J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1250	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R1251,52	EXB2HV101J	RESISTOR ARRAY	2	
R1256	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1259	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-37PX600B
R1263,64	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1269	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1270,71	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1275	ERJ3EKF7151	M7.15KOHM, 1/16W	1	
R1279,80	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1281	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1282	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1283	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1284	ERJ2GEJ682	M 6.8KOHM, J,0.063W	1	
R1290	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1292,93	ERJ2GEJ104	M 100KOHM, J,0.063W	2	TH-37PX600B
R1296,97	ERJ2GEJ473	M 47KOHM,J,0.063W	2	TH-37PX600B
R1299-02	ERJ2GE0R00	M 0.0 OHM, J,0.063W	4	TH-37PV600E
R1303-06	ERJ2GEJ220	M 22 OHM, J,0.063W	4	TH-37PX600B
R1307	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1308	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1309-12	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R1313,14	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1315	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
R1316	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1318,19	ERJ2GEJ512X	M5.12KOHM, J,0.063W	2	
R1321	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1322	ERJ2GEJ100	M 10 OHM, J,0.063W	1	
R1323,24	ERJ2GEJ823	M 82KOHM, J,0.063W	2	
R1325,26	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1327,28	ERJ2GEJ683	M 68KOHM, J,0.063W	2	
R1329,30	ERJ2GEJ473	M 47KOHM,J,0.063W	2	
R1331,32	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1333	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1334	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1335	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1336	ERJ2GEJ225	M 1MOHM, J,0.063W	1	
R1337	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1340	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-37PV600E
R1341	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1344	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1346	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1350,51	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1352	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1353	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R1354	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1355	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1358	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1359	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R1360	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R1361	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1363	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1364	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1365	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1367	ERJ2GEJ333	M 33KOHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1368	ERJ2GEJ183	M 18KOHM ,J,0.063W	1	
R1369	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1370	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1372	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1373	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
R1375	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1376	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1377	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R1378	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1379	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R1380	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1381	ERJ2GEJ474	M 470KOHM, J,0.063W	1	
R1384	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1389	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1408	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1410	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1411	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1412,13	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1414	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1426-32	ERJ8GEY0R00	M 0 OHM, 1/8W	7	
R1436,37	ERJ2GEJ561	M 60 OHM, J,0.063W	2	
R1439	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1441	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1446,47	ERJ2GEJ471	M 470 OHM, J,0.063W	2	
R1449	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1451	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1452	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-37PV600E
R1454	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1458,59	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1461,62	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1466	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1467	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1470	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1472,73	ERJ2GEJ301	M 300 OHM, J,0.063W	2	
R1474	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R1475	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1478	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1479	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1480	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-37PV600E
R1489	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1491	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1526	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1530,31	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1554,55	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1556	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R2005	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2006-11	ERJ6GEYJ223	M 22KOHM,J,1/10W	6	
R2012	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2013,14	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R2015,16	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2018,19	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2023	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2027,28	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2031	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2033	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2035,36	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2038	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2040	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2042	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R2043	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2044	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2045,46	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2048	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2049,50	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2051,52	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R2053	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2054	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2101,02	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2103	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2113,14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2116	J0JCC0000241	CHIP INDUCTOR	1	
R2124,25	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2126,27	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2128,29	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2130	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2131	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	
R2132	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2133	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2135,36	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2137	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2138	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2139,40	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2147	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2148,49	ERJ3EKF6342	M6.34KOHM, 1/16W	2	
R2152	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2153	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2154	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2155-60	ERJ3GEYJ221	M 220 OHM,J,1/16W	6	
R2161	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R2162	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2163	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R2164	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2165,66	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R2167	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2168,69	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2170-77	ERJ3GEYJ221	M 220 OHM,J,1/16W	8	
R2181	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2182,83	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2184-87	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R2188	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2190	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2192,93	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2195,96	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2197	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2199,00	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2202	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2203	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2204	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2208	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2209	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R2210	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R2211	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2213	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2214	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R2215	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2219	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2220	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R2224,25	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2227	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2230,31	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2232,33	ERJ3GEYJ153	M 15KOHM,J,1/16W	2	
R2234,35	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2236	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2237	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2238,39	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2246	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R2300	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2301	ERJ6GEYJ821	M 820 OHM,J,1/10W	1	
R2302	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(H)
R2302	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(PA)
R2303	ERJ3GEYJ433	M 43KOHM,J,1/16W	1	(PA)
R2303	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	(H)
R2304	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2305	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(PA)
R2305	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	(H)
R2306	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(PA)
R2306	ERJ6GEYJ821	M 820 OHM,J,1/10W	1	(H)
R2307	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	(H)
R2307	ERJ3GEYJ433	M 43KOHM,J,1/16W	1	(PA)
R2308,09	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	
R2310	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(PA)
R2310	ERJ3GEYJ184	M 180KOHM,J,1/16W	1	(H)
R2311	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(PA)
R2311	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	(H)
R2312	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2313,14	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R2323,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2325	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2328	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2329	ERJ3EKF1003	M 100KOHM, 1/16W	1	
R2332	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2338	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2341	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2342,43	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2346,47	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2348	ERJ3EKF1003	M 100KOHM, 1/16W	1	
R2349,50	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2351	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2352	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2353,02	ERJ3EKF1002	M 10KOHM, 1/16W	2	
R2354	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2355,56	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2357,58	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R2359	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2360	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2361	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2362	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R2363	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2364	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2366	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2367	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R2368	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2372-74	ERJ6GEYJ681	M 680 OHM,J,1/10W	3	
R2376	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2377,78	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2379,80	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R2383	ERJ3EKF3741	M3.74KOHM, 1/16W	1	
R2384	ERJ3EKF7150	M 715 OHM, 1/16W	1	
R2387	ERJ3EKF7150	M 715 OHM, 1/16W	1	
R2388	ERJ3EKF3741	M3.74KOHM, 1/16W	1	(PA)
R2388	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	(H)
R2389	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2390	ERJ3GEYJ203	M 20KOHM,J,1/16W	1	
R2391	ERJ3EKF2801	M 2.8KOHM, 1/16W	1	(PA)
R2391	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(H)
R2392	ERJ3EKF1651	M1.65KOHM, 1/16W	1	(PA)
R2392	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(H)
R2393	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2395	ERJ3EKF2801	M 2.8KOHM, 1/16W	1	
R2396	ERJ3EKF1651	M1.65KOHM, 1/16W	1	(PA)
R2396	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(H)
R2397	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(H)
R2397	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(PA)
R2398	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	(H)
R2398	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(PA)
R2399	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2400	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2401,02	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2403	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2404,05	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2406	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2407	ERJ3EKF1241	M1.24KOHM, 1/16W	1	
R2408	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R2409	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	
R2410	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2411,12	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2413	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2414,15	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2416	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2417	ERJ3EKF1241	M1.24KOHM, 1/16W	1	
R2418	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R2419	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	
R2420	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2421	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	
R2422	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2423	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2424	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2512	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2516	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2517	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2520	ERJ3GEYJ224	M 220KOHM,J,1/16W	1	
R2521	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2524	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2539	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	TH-37PX600B
R2540	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	TH-37PX600B
R2542	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2554	ERJ6ENF75R0	M 75 OHM, 1/10W	1	TH-37PX600B
R2557	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2559	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2560	ERJ3EKF5760	M 576 OHM, 1/16W	1	
R2567	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-37PX600B
R2572	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-37PX600B
R3001,02	ERJ6ENF1500	M 150 OHM, 1/10W	2	
R3003-05	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3006-08	ERJ6ENF1500	M 150 OHM, 1/10W	3	
R3009-15	ERJ6ENF75R0	M 75 OHM, 1/10W	7	
R3016,17	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3018,19	ERJ6GEYJ680	M 68 OHM,J,1/10W	2	
R3020-22	ERJ6ENF2202	M 2.2KOHM, 1/10W	3	
R3023,24	ERJ6ENF1202	M 12KOHM, 1/10W	2	
R3025	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3026	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3027,28	ERJ6ENF1500	M 150 OHM, 1/10W	2	
R3030-32	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3033,34	ERJ6ENF1500	M 150 OHM, 1/10W	2	
R3036	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3041,42	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	2	
R3043	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3044,45	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3048	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R3049	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3050	ERJ3GEYJ242	M 2.4KOHM,J,1/16W	1	
R3051	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3052	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3057,58	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3059-64	ERJ3GEYJ221	M 220 OHM,J,1/16W	6	
R3068	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3070	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3072-75	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R3076	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3077	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3078	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3085-88	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R3089,90	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3092	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3094-01	ERJ3GEYJ221	M 220 OHM,J,1/16W	8	
R3102	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3103	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R3105	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3107	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3109	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3111-14	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3115	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3118	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3119,20	ERJ3EKF91R0	M 91 OHM, 1/16W	2	
R3121	ERJ3EKF1300V	M 130 OHM, 1/16W	1	
R3122	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3123	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3126	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3127	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3130,31	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R3132,33	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3134	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3135	ERJ3EKF91R0	M 91 OHM, 1/16W	1	
R3136	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3138	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3139	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3140	ERJ3EKF1300V	M 130 OHM, 1/16W	1	
R3141	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3143	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3144	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3145	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3146	ERJ3GEYJ361	M 360 OHM,J,1/16W	1	
R3149	ERJ3GEYJ361	M 360 OHM,J,1/16W	1	
R3150	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3151	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3152	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3153,54	ERJ3GEYJ361	M 360 OHM,J,1/16W	2	
R3155	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3156	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3157	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3158,59	ERJ3GEYJ361	M 360 OHM,J,1/16W	2	
R3160,61	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3163	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R3168	ERJ3GEYJ750	M 75 OHM,J,1/16W	1	
R3170	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3171	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3173	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R3206	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3213,14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3215	J0JCC0000241	CHIP INDUCTOR	1	
R3222	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3224	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3227-29	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3233,34	ERJ6ENF75R0	M 75 OHM, 1/10W	2	
R3236	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3238	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3239	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R3245-48	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3249	J0JCC0000241	CHIP INDUCTOR	1	
R3302	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3305	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3306,07	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3308,09	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R3310	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3312	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3313	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3317	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3318	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3320	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3323,24	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R3330	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3336	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3337	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3338	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3339	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3340	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3341	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3342	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3343	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3344	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3345	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3346	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3347	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3348,49	ERJ3GEYJ680	M 68 OHM,J,1/16W	2	
R3350-52	ERJ3GEYJ510	M 51 OHM,J,1/16W	3	
R3704	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3709-11	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3716,17	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3721	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3732	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3733	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3736-41	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R3746	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3748	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3750	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3751	ERJ6ENF1432	M14.3KOHM, 1/10W	1	
R3753	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R3754	ERJ6ENF1621	M1.62KOHM, 1/10W	1	
R3755	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3757	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3758	ERJ6ENF6651	M6.65KOHM, 1/10W	1	
R3759-64	ERJ6GEY0R00	M 0 OHM, 1/10W	6	
R3765	ERJ6ENF2321	M2.32KOHM, 1/10W	1	
R3767	ERJ6ENF3161	M3.16KOHM, 1/10W	1	
R3768	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4001	ERJ3EKF1211	M1.21KOHM, 1/16W	1	
R4004	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4008	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4010	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4018	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PV600E
R4021	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4022	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R4023	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4024,25	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4026,27	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R4029	ERJ2GEJ220	M 22 OHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4031-33	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
R4037-39	D1HG1038A002	NETWORK RESISTER	3	
R4040,41	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4045,46	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4101	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4257	ERJ3EKF3302	M 33KOHM, 1/16W	1	
R4265	ERJ3EKF3242	M32.4KOHM, 1/16W	1	
R4269	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4271,72	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4286,87	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4293	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4338-43	ERJ2GE0R00	M 0.0 OHM, J,0.063W	6	
R4434	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4436	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4438	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4442,43	ERJ3EKF4220	M 422 OHM, 1/10W	2	
R4444,45	ERJ3EKF3301	M 3.3KOHM, 1/16W	2	
R4447	ERJ3EKF7680	M 768 OHM, 1/16W	1	
R4449	ERJ3EKF1211	M1.21KOHM, 1/16W	1	
R4450,51	ERJ6GEYJ821	M 820 OHM,J,1/10W	2	
R4454	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R4457	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4465	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R4466,67	ERJ2GEJ330	M 33 OHM, J,0.063W	2	
R4469,70	ERJ3EKF1500	M 150 OHM, 1/16W	2	
R4472	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B
R4474	ERJ3EKF1211	M1.21KOHM, 1/16W	1	
R4476	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4477,78	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R4479,80	ERJ3EKF4220	M 422 OHM, 1/10W	2	
R4481	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4482,83	ERJ3EKF1781	M1.78KOHM, 1/16W	2	
R4484,85	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4486	ERJ3EKF4870	M 487 OHM, 1/16W	1	
R4487	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R4488	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4489	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R4490	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4491	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4492	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4495	ERJ3EKF4302	M 43KOHM, 1/16W	1	
R4496-99	ERJ6GEYJ102	M 1KOHM,J,1/10W	4	
R4500	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	
R4501,02	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R4503	ERJ3EKF1600	M 160 OHM, 1/16W	1	
R4505	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4506	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4508	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4510	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4514-16	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R4517	ERJ3EKF1371	M 13.7 OHM, 1/16W	1	
R4519	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4520	ERJ3EKF1691	M1.69KOHM, 1/16W	1	
R4521,22	ERJ2GEJ220	M 22 OHM, J,0.063W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4523-25	ERJ3EKF33R0	M 33 OHM, 1/16W	3	
R4526	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R4527	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4528-30	ERJ3EKF33R0	M 33 OHM, 1/16W	3	
R4531	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R4532	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R4533	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4534,35	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R4536-38	ERJ3EKF1500	M 150 OHM, 1/16W	3	
R4539	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4541	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4543	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4544	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4545-47	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R4548	ERJ2GEJ911X	M 910 OHM, J,0.063W	1	
R4549	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4550	EXB28V220J	RESISTOR ARRAY	1	
R4551	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4552	EXB28V220J	RESISTOR ARRAY	1	
R4553	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4554	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4555	EXB28V220J	RESISTOR ARRAY	1	
R4556,57	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4560,61	EXB28V220J	RESISTOR ARRAY	2	
R4562	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4563-65	ERJ2GEJ220	M 22 OHM, J,0.063W	3	
R4566	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4567	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4568	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4569	D1HG5608A002	NETWORK RESISTER	1	
R4570,71	EXB28V560JX	RESISTOR ARRAY	2	
R4572	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4575	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4577-79	ERJ2GEJ222	M 2.2KOHM, J,0.063W	3	
R4583,84	ERJ2GEJ390	M 39 OHM, J,0.063W	2	
R4589-04	ERJ2GEJ2R7X	M 2.7OHM, J,0.063W	16	
R4605,06	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4607	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4609,10	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4612,13	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4617,18	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4619	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R4620	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4621	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R4622	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4624	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4626	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4628	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4629-32	ERJ2GEJ472	M 4.7KOHM, J,0.063W	4	
R4633,34	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4636	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4637	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4639	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4640	ERJ2GEJ220	M 22 OHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4641	EXB28V330J	RESISTOR ARRAY	1	
R4642-45	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R4647	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4648	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4655	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4657	ERJ2GEJ182	M 1.8KOHM, J,0.063W	1	
R4658	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4660	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4661	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4662	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4665	EXB2HV220JV	RESISTOR ARRAY	1	
R4667	EXB2HV220JV	RESISTOR ARRAY	1	
R4668	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4669	EXB2HV220JV	RESISTOR ARRAY	1	
R4672,73	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4675	ERJ3EKF1802	M 18KOHM, 1/16W	1	
R4677	ERJ3EKF1802	M 18KOHM, 1/16W	1	
R4679,80	ERJ3EKF2202	M 22KOHM, 1/16W	2	
R4681,82	ERJ3EKF3302	M 33KOHM, 1/16W	2	
R4701	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4706	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4708,09	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R4711	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4712	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4713,14	EXB2HV221JV	RESISTOR ARRAY	2	
R4715	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4718-20	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R4727	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4729,30	ERJ3EKF1000	M 100 OHM, 1/16W	2	
R4731	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4732	ERJ3EKF4751	M 4.75KOHM, 1/16W	1	
R4733	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R4734	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R4735	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R4737	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4738,39	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R4743-47	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R4749,50	EXB2HV680J	RESISTOR ARRAY	2	
R4751-54	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R4756-60	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R4762	EXB2HV680J	RESISTOR ARRAY	1	
R4763-65	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R4772	EXB2HV470JV	RESISTOR ARRAY	1	
R4773	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4774	EXB2HV470JV	RESISTOR ARRAY	1	
R4775	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4776	EXB2HV470JV	RESISTOR ARRAY	1	
R4777	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4778	EXB2HV470JV	RESISTOR ARRAY	1	
R4779	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4782	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4783	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4784	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4785	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4788	EXB2HV470JV	RESISTOR ARRAY	1	
R4791,92	ERJ2GEJ470	M 47 OHM, J,0.063W	2	
R4793,94	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4796	EXB2HV470JV	RESISTOR ARRAY	1	
R4804	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4805,06	ERJ3EKF1001	M 1KOHM, 1/16W	2	
R4807-11	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
R4814	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4816,17	ERJ2GEJ223	M 22KOHM, J,0.063W	2	
R4819	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R4822	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4823-25	J0JAD0000025	CHIP INDUCTOR	3	
R4826,27	EXB2HVR000	RESISTOR ARRAY	2	TH-37PX600B
R4830,31	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-37PX600B
R4837	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4838	ERJ2GEJ112	M 1.1KOHM, J,0.063W	1	
R4840	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B
R4891	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4898	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4960	EXB2HV680J	RESISTOR ARRAY	1	
R4961-63	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R4964	EXB2HV680J	RESISTOR ARRAY	1	
R4965,66	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R4967	EXB2HV680J	RESISTOR ARRAY	1	
R4968-72	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R5601	ERJ3EKF1800	M 180 OHM, 1/16W	1	
R5603	ERJ3EKF1542	M15.4KOHM, 1/16W	1	
R5605	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5606	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5607	ERJ3EKF4531	M4.53KOHM, 1/16W	1	
R5609	ERJ3EKF2000	M 200 OHM, 1/16W	1	
R5611	ERJ6ENF8202	M 82KOHM, 1/10W	1	
R5612	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R5615	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5617	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5619	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R5620	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5621	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5625-27	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R5632	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5633	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5634	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5635	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5637,38	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R5639	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5640	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5641	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5642	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5643	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5644	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5645	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R5646	ERJ3EKF4701	M 4.7KOHM, 1/16W	1	
R5647	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5648	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5649	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R5650	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5652	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5653,54	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R5659	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R5660	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5662	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5664	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5665	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5667-69	ERJ3GEYJ473	M 47KOHM,J,1/16W	3	
R5672	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5676	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5692	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5693	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R5694	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5695	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5801	ERJ3EKF8450	M 845 OHM, 1/16W	1	
R5802	ERJ3EKF1302	M 23KOHM, 1/16W	1	
R5803	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R5804	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5805-07	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	3	
R5809	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5822-24	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	
R5836	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R6001-06	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6020	ERG3FJS101D	M 100 OHM, J, 3W	1	
R6021	ERJ14YJ150U	M 15 OHM, J,1/4W	1	
R6022	ERG3FJS101D	M 100 OHM, J, 3W	1	
R6023-27	ERJ14YJ150U	M 15 OHM, J,1/4W	5	
R6031,32	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6033	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6034	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6041-44	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6051-54	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6061,62	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6101-08	ERJ6GEYJ101	M 100 OHM,J,1/10W	8	
R6109	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6110	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6111,12	D0GD470JA036	M 47 OHM,J,0.25W	2	
R6113	ERJ14YJ224	M 220KOHM, J,1/4W	1	
R6114	D0GD470JA036	M 47 OHM,J,0.25W	1	
R6116	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6131,32	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6133,34	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6135,36	D0GD100JA036	M 10 OHM,J,0.25W	2	
R6141,42	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6146,47	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6151,52	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6153,54	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6155,56	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R6157-60	D0GF1R0JA047	M 1.0 OHM,J, 0.33W	4	
R6171	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6172,73	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6181	D0GD100JA036	M 10 OHM,J,0.25W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6182,83	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6191-94	ERJ6GEYJ101	M 100 OHM,J,1/10W	4	
R6195	D0GD104JA036	M 100KOHM,J,0.25W	1	
R6196	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6213	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6214	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6222	ERG1FJS103D	M 10KOHM, J, 1W	1	
R6223	ERG2FJS123D	M 12KOHM, J, 2W	1	
R6225	D0GD203JA036	M 20KOHM,J,0.25W	1	
R6226,27	ERJ6GEYJ163	M 16KOHM,J,1/10W	2	
R6228	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R6229	ERJ6GEYJ163	M 16KOHM,J,1/10W	1	
R6231	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6232	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6241	EXB38V470J	RESISTOR ARRAY	1	
R6242	EXB38V472J	RESISTOR ARRAY	1	
R6243	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6244	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6245	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6246	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6251	D0GD103JA036	M 10KOHM,J,0.25W	1	
R6252,53	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6254	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R6255	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6256	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R6257	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6258	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6261	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6401-06	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6421-26	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6441-44	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6451-54	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6465	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6466	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6467,68	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6471	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6472	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6473	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R6474	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6475,76	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6477	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6478	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6479	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6501,02	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6503	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6504,05	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6506	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6507-09	D0GF1R0JA047	M 1.0 OHM,J, 0.33W	3	
R6511,12	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6516,17	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6521,22	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6523,24	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6525,26	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R6531	D0GD100JA036	M 10 OHM,J,0.25W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6532,33	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6551	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6552,53	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6561-64	EXB38V470J	RESISTOR ARRAY	4	
R6565-68	EXB38V472J	RESISTOR ARRAY	4	
R6581	D0GD103JA036	M 10KOHM,J,0.25W	1	
R6582,83	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6584	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6585	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6586	ERJ6ENF1801	M 1.8KOHM, 1/10W	1	
R6587	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6588	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6590	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6591	EXB38V472J	RESISTOR ARRAY	1	
R6592	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6603	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6604	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6605	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6606	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6607	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R6608,09	D0GF102JA047	M 1.0 KOHM,J,0.33W	2	
R6610	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6611	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6612	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6613	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6614,15	D0GF243JA047	M 24 KOHM,J,0.33W	2	
R6616	ERJ6ENF1502	M 15KOHM, 1/10W	1	
R6617	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6618	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R6619	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R6620	D0D28R2JA021	M 8.2 OHM,J,5W	1	
R6621	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6641,42	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6644,45	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6647,48	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6658	D0D1101JA009	M 100 OHM,J,1W	1	
R6659,60	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6661	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6662	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R6663	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6664	D0GF222JA047	M 2.2 KOHM,J,0.33W	1	
R6665	ERJ14YJ470	M 47 OHM,J, 1/2W	1	
R6666	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6667,68	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6671	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6672	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6673,74	D0GD5R6JA059	M 5.6 OHM,J,0.25W	2	
R6682	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6683	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6684	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6685	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6686	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6687	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6688	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6689	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6690	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6691	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6696,97	D0D32R2JA020	M 2.2 OHM,J,5W	2	
R6700-08	ERJ6GEYJ471	M 470 OHM,J,1/10W	9	
R6710-18	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	9	
R6721,22	EXB38V220J	RESISTOR ARRAY	2	
R6723	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6724	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6742	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6743	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6744	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6745	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6746,47	D0GD103JA036	M 10KOHM,J,0.25W	2	
R6755	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6756-58	D0GD101JA059	M 100 OHM,J,0.25W	3	
R6759	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6760	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6761	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6762	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6775,76	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6777	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6781	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6782	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6791	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6792	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6793	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6801,02	ERX1FJSR22D	M0.22 OHM, J, 1W	2	
R6806	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6807	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6808	ERG3FJS560D	M 56 OHM, J, 3W	1	
R6809	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6810,11	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R6812	ERJ6ENF2403	M 240KOHM, 1/10W	1	
R6813	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6814	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R6815	ERG2FJS183D	M 18KOHM, J, 2W	1	
R6816	ERJ6ENF1582	M15.8KOHM, 1/10W	1	
R6817	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R6821	ERG2FJS221D	M 220 OHM, J, 2W	1	
R6822	ERJ12YJ104U	M 100KOHM, 1/2W	1	
R6823	ERG1FJS104D	M 100KOHM, J, 1W	1	
R6824	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R6825,26	ERJ6ENF2703	M 270KOHM, 1/10W	2	
R6827	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6828	ERJ6ENF5231	M5.23KOHM, 1/10W	1	
R6829,30	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6831	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R6833-35	ERJ6ENF5602	M 56KOHM, 1/10W	3	
R6836	ERJ6ENF6802	M 68KOHM, 1/10W	1	
R6837	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R6839	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6841	ERJ12YJ153U	M 15KOHM, 1/2W	1	
R6842	ERJ14YJ433U	M 43KOHM, 1/2W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6843	ERJ6GEYJ623	M 62KOHM,J,1/10W	1	
R6844	ERG2FJS101D	M 100 OHM, J, 2W	1	
R6845	ERJ6GEYJ623	M 62KOHM,J,1/10W	1	
R6846,47	ERJ6GEYJ563	M 56KOHM,J,1/10W	2	
R6848	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6849,50	ERJ6ENF6802	M 68KOHM, 1/10W	2	
R6851	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6852	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R6853	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6860	D0D28R2JA021	M 8.2 OHM,J,5W	1	
R6861	ERJ6ENF3902	M 39KOHM, 1/10W	1	
R6862,63	ERJ6ENF4702	M 47KOHM, 1/10W	2	
R6864	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R6865,66	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R6867	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6868	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6869	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6871-73	ERJ6ENF3902	M 39KOHM, 1/10W	3	
R6874	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R6875	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R6876	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6877	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6878	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6879	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6886-88	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6901	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6902-04	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R6908,09	ERJ6GEYJ221	M 220 OHM,J,1/10W	2	
R6916,17	ERJ6GEYJ221	M 220 OHM,J,1/10W	2	
R6924	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6931-34	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6935,36	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R6951	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6952-54	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R6958,59	ERJ6GEYJ221	M 220 OHM,J,1/10W	2	
R6966,67	ERJ6GEYJ221	M 220 OHM,J,1/10W	2	
R6974	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6981-84	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6985,86	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R7112	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7113,14	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R7115	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R7116	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R7118,19	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R7120	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7122-25	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7126	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7127,28	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7132-37	EXB38V470J	RESISTOR ARRAY	6	
R7139,40	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7142-45	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7146	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7149	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7151-54	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7155	EXB38V102J	RESISTOR ARRAY	1	
R7156	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7158,59	EXB38V470J	RESISTOR ARRAY	2	
R7162-67	EXB38V102J	RESISTOR ARRAY	6	
R7169	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7171-74	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7175	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7177	EXB38V102J	RESISTOR ARRAY	1	
R7179,80	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7186,87	EXB38V470J	RESISTOR ARRAY	2	
R7201-07	EXB38V470J	RESISTOR ARRAY	7	
R7208-10	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R7212-15	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7216	EXB38V470J	RESISTOR ARRAY	1	
R7217	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7219	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7221	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7223-26	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7227	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7229	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7231	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7232-35	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7236	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7237-42	EXB38V102J	RESISTOR ARRAY	6	
R7245	EXB38V102J	RESISTOR ARRAY	1	
R7246-49	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
R7250,51	EXB38V470J	RESISTOR ARRAY	2	
R7256,57	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7258	EXB38V102J	RESISTOR ARRAY	1	
R7260	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7262-65	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7266	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7269	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7270	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R7271	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R7701	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7702	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7703-05	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R7706	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7707	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R7708	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7709	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7710	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R7713	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R7714	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R7716	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7721-29	ERJ3GEY0R00	M 0 OHM, 1/16W	9	
R7751-55	ERJ3GEYJ103	M 10KOHM,J,1/16W	5	
R7757	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7759	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7760-62	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R7764-71	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
R7773-76	ERJ3GEYJ470	M 47 OHM,J,1/16W	4	
R7777	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7779	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R7780	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R7781	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R7783	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R7798-03	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R8001	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX600B
R8002	ERJ2GEJ272	M 2.7KOHM, J,0.063W	1	TH-37PX600B
R8003,04	ERJ2GEJ181	M 180 OHM, J,0.063W	2	TH-37PX600B
R8006	ERJ8GEY0R00	M 0 OHM, 1/8W	1	TH-37PX600B
R8008	ERJ2GEJ102	M 1KOHM, J,0.063W	1	TH-37PX600B
R8010-12	ERJ2GEJ103	M 10KOHM, J,0.063W	3	TH-37PX600B
R8014,15	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX600B
R8017,18	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-37PX600B
R8020-22	ERJ2GEJ103	M 10KOHM, J,0.063W	3	TH-37PX600B
R8027	D1HG5608A002	NETWORK RESISTER	1	TH-37PX600B
R8028-30	ERJ2GEJ560	M 56 OHM, J,0.063W	3	TH-37PX600B
R8033	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	TH-37PX600B
R8034,35	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-37PX600B
R8036	ERJ3GEYJ163	M 16KOHM,J,1/16W	1	TH-37PX600B
R8038	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX600B
R8039,40	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	TH-37PX600B
R8041	ERJ2GEJ154	M 150KOHM, J,0.063W	1	TH-37PX600B
R8046	ERJ2GEJ330	M 33 OHM, J,0.063W	1	TH-37PX600B
R8047-50	ERJ2GEJ101	M 100 OHM, J,0.063W	4	TH-37PX600B
R8051	EXB38V330J	RESISTOR ARRAY	1	TH-37PX600B
R8052-55	ERJ2GEJ103	M 10KOHM, J,0.063W	4	TH-37PX600B
R8056	ERJ2GEJ330	M 33 OHM, J,0.063W	1	TH-37PX600B
R8057	ERJ2GEJ680	M 68 OHM, J,0.063W	1	TH-37PX600B
R8058	EXB38V330J	RESISTOR ARRAY	1	TH-37PX600B
R8059	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX600B
R8073	ERJ2GEJ105	M 1MOHM, J,0.063W	1	TH-37PX600B
R8074,75	ERJ2GEJ181	M 180 OHM, J,0.063W	2	TH-37PX600B
R8076	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX600B
R8078	ERJ2GEJ562	M 5.6KOHM,J,0.063W	1	TH-37PX600B
R8079	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-37PX600B
R8084,85	D1HG1218A002	NETWORK RESISTER	2	TH-37PX600B
R8086-88	ERJ2GEJ560	M 56 OHM, J,0.063W	3	TH-37PX600B
R8101	ERJ3GEYF181	M 180 OHM,J,1/16W	1	TH-37PX600B PAVCCZ
R8104	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX600B
R8106,07	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX600B
R8108	ERJ3EKF1002	M 10KOHM, 1/16W	1	TH-37PX600B
R8109	ERJ3EKF2202	M 22KOHM, 1/16W	1	TH-37PX600B
R8110	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	TH-37PX600B
R8111	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B
R8112,13	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-37PX600B
R8115	ERJ3GEYF272	M 2.7KOHM, 1/16W	1	TH-37PX600B
R8117	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	TH-37PX600B
R8123	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-37PX600B
R8124	ERJ2GEJ471	M 470 OHM, J,0.063W	1	TH-37PX600B
R8127	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B
R8132,33	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-37PX600B
R8136	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX600B
R8137	ERJ2GEJ121	M 120 OHM, J,0.063W	1	TH-37PX600B
R8140,41	ERJ3EKF1001	M 1KOHM, 1/16W	2	TH-37PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8144,45	D1HG5608A002	NETWORK RESISTER	2	TH-37PX600B
R8148,49	D1HG3908A002	NETWORK RESISTER	2	TH-37PX600B
R8150-59	ERJ2GEJ390	M 39 OHM, J,0.063W	10	TH-37PX600B
R8161,62	ERJ2GEJ390	M 39 OHM, J,0.063W	2	TH-37PX600B
R8163	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX600B
R8165	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX600B
R8167-71	ERJ2GEJ103	M 10KOHM, J,0.063W	5	TH-37PX600B
R8172	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-37PX600B
R8173	EXB38V560J	RESISTOR ARRAY	1	TH-37PX600B
R8175,76	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX600B
R8183	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B
R8184	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-37PX600B
R8187	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX600B
R8188	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-37PX600B
R8193	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX600B
R8195,96	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX600B
R8201-04	ERJ2GEJ103	M 10KOHM, J,0.063W	4	TH-37PX600B
R8215	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX600B
R8216,17	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-37PX600B
R8218,19	D1HG33080001	NETWORK RESISTER	2	TH-37PX600B
R8220-22	D1HG5608A002	NETWORK RESISTER	3	TH-37PX600B
R8223	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX600B
R8224,25	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX600B
R8226	ERJ2GEJ330	M 33 OHM, J,0.063W	1	TH-37PX600B
R8232-43	ERJ2GEJ330	M 33 OHM, J,0.063W	12	TH-37PX600B
R8244	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX600B
R8245,46	ERJ2GEJ330	M 33 OHM, J,0.063W	2	TH-37PX600B
R8250	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX600B
R8252-54	ERJ2GEJ330	M 33 OHM, J,0.063W	3	TH-37PX600B
R8255	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX600B
R8256	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	TH-37PX600B
R8257	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX600B
R8259	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX600B
R8260-63	ERJ2GEJ560	M 56 OHM, J,0.063W	4	TH-37PX600B
R8264-68	ERJ2GEJ103	M 10KOHM, J,0.063W	5	TH-37PX600B
R8269	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX600B
R8271	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX600B
R8272	EXB38V560J	RESISTOR ARRAY	1	TH-37PX600B
R8273	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX600B
R8275	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX600B
R8277	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX600B
R8279	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B
R8282	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX600B
R8284	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX600B
R8286,87	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-37PX600B
R8290	EXB38V560J	RESISTOR ARRAY	1	TH-37PX600B
R8291,92	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-37PX600B
R8310-15	ERJ3EKF75R0	M 0.75HM, 1/16W	6	TH-37PX600B
R8319	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	TH-37PX600B
R8320	ERJ3EKF1002	M 10KOHM, 1/16W	1	TH-37PX600B
R8321	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	TH-37PX600B
R8349	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-37PX600B
R8350	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	TH-37PX600B
R8351	ERJ3EKF1002	M 10KOHM, 1/16W	1	TH-37PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8352	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	TH-37PX600B
R8353	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	TH-37PX600B
R8354	ERJ2GEJ272	M 2.7KOHM, J,0.063W	1	TH-37PX600B
R8355,56	EXB2HV104JV	RESISTOR ARRAY	2	TH-37PX600B
R8357,58	ERJ2GEJ473	M 47KOHM,J,0.063W	2	TH-37PX600B
R8366	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX600B
R8367,68	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-37PX600B
R8372-76	ERJ2GEJ560	M 56 OHM, J,0.063W	5	TH-37PX600B
R8401	ERJ8GEY0R00	M 0 OHM, 1/8W	1	TH-37PX600B
R8402	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-37PX600B
R8403	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B
R8404,05	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX600B
R8406	ERJ8RSJR10	M 1 OHM, 1/8W	1	TH-37PX600B
R8407	ERJ2GEJ333	M 33KOHM, J,0.063W	1	TH-37PX600B
R8414	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B
R8415,16	ERJ2GEJ223	M 22KOHM, J,0.063W	2	TH-37PX600B
R8417,18	EXB38V473J	RESISTOR ARRAY	2	TH-37PX600B
R8419,20	EXB38V101J	RESISTOR ARRAY	2	TH-37PX600B
R8421	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-37PX600B
R8422	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-37PX600B
R8423	ERJ2GEJ821	M 820 OHM, J,0.063W	1	TH-37PX600B
R8425,26	EXB38V101J	RESISTOR ARRAY	2	TH-37PX600B
R8427-31	ERJ2GEJ560	M 56 OHM, J,0.063W	5	TH-37PX600B
R8433,34	EXB38V560J	RESISTOR ARRAY	2	TH-37PX600B
R8443	EXB38V560J	RESISTOR ARRAY	1	TH-37PX600B
R8444	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-37PX600B
R8445,46	ERJ2GEJ151	M 150 OHM, J,0.063W	2	TH-37PX600B
R8447	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-37PX600B
R8448	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-37PX600B
R8449,50	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX600B
R8451	EXB38V104J	RESISTOR ARRAY	1	TH-37PX600B
R8452	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-37PX600B
R8453	EXB38V104J	RESISTOR ARRAY	1	TH-37PX600B
R8454	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-37PX600B
R8456-59	EXB38V560J	RESISTOR ARRAY	4	TH-37PX600B
R8460	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-37PX600B
R8461	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX600B
R8462,63	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-37PX600B
R8464	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX600B
R8465	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX600B
R8466	EXB38V560J	RESISTOR ARRAY	1	TH-37PX600B
R8467,68	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-37PX600B
R8469	EXB38V151J	RESISTOR ARRAY	1	TH-37PX600B
R8474	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B
R8475,76	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX600B
R8477,78	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-37PX600B
R8479	ERJ2GEJ203	M 20KOHM,J,0.063W	1	TH-37PX600B
R8480-82	ERJ2GEJ560	M 56 OHM, J,0.063W	3	TH-37PX600B
R8483	ERJ2GEJ203	M 20KOHM,J,0.063W	1	TH-37PX600B
R8484	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-37PX600B
R8485	ERJ2GEJ333	M 33KOHM, J,0.063W	1	TH-37PX600B
R8486	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-37PX600B
R8487	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-37PX600B
R8488	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8489	ERJ2GEJ102	M 1KOHM, J,0.063W	1	TH-37PX600B
R8491	ERJ3EKF9102	M91.0KOHM, 1/16W	1	TH-37PX600B
R8492	ERJ3EKF1802	M 18KOHM, 1/16W	1	TH-37PX600B
R8493	ERJ3EKF9102	M91.0KOHM, 1/16W	1	TH-37PX600B
R8494	ERJ3EKF9101	M 9.1KOHM, 1/16W	1	TH-37PX600B
R8495	EXB38V151J	RESISTOR ARRAY	1	TH-37PX600B
R8496	EXB38V560J	RESISTOR ARRAY	1	TH-37PX600B
R8497	ERJ3EKF3300	M 330 OHM, 1/16W	1	TH-37PX600B
R8498	ERJ3EKF2200	M 220 OHM, 1/16W	1	TH-37PX600B
R8499	ERJ3EKF2432	M24.3KOHM, 1/16W	1	TH-37PX600B
R8500	ERJ3EKF1052	M10.5KOHM, 1/16W	1	TH-37PX600B
R8501	ERJ3EKF5601	M 5.6KOHM, 1/16W	1	TH-37PX600B
R8502	ERJ3EKF2402	M 24KOHM, 1/16W	1	TH-37PX600B
R8503,04	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-37PX600B
R8505	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-37PX600B
R8538,39	ERJ2GEJ101	M 100 OHM, J,0.063W	2	TH-37PX600B
R8546	ERJ2GEJ333	M 33KOHM, J,0.063W	1	TH-37PX600B
R8547	ERJ2GEJ102	M 1KOHM, J,0.063W	1	TH-37PX600B
R8601	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-37PX600B
R8602-04	ERJ2GEJ101	M 100 OHM, J,0.063W	3	TH-37PX600B
R8605,06	ERJ2GEJ104	M 100KOHM, J,0.063W	2	TH-37PX600B
R8608	ERJ2GEJ105	M 1MOHM, J,0.063W	1	TH-37PX600B
R8610	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	TH-37PX600B
R8611	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-37PX600B
R8614	ERJ2GEJ221	M 220 OHM, J,0.063W	1	TH-37PX600B
R8615	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B
R8701-08	ERJ2GEJ560	M 56 OHM, J,0.063W	8	TH-37PX600B
R8729-36	ERJ2GEJ103	M 10KOHM, J,0.063W	8	TH-37PX600B
R8827,28	ERJ2GEJ392	M 3.9KOHM, J,0.063W	2	TH-37PX600B
R8831,32	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-37PX600B
R8862-64	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	TH-37PX600B
R8899,00	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-37PX600B
R8912	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B
R8927	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B
R8930	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B
R8931,32	ERJ2GEJ392	M 3.9KOHM, J,0.063W	2	TH-37PX600B
R8933,34	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-37PX600B
R8936	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX600B
R8954	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-37PX600B
R8960	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-37PX600B
R8962-64	ERJ2GEJ101	M 100 OHM, J,0.063W	3	TH-37PX600B
R8967,68	EXB2HV473JV	RESISTOR ARRAY	2	TH-37PX600B PAVCCZ
R8969-71	ERJ2GEJ473	M 47KOHM,J,0.063W	3	TH-37PX600B
R9060-67	ERJ3GEYJ101	M 100 OHM,J,1/16W	8	
R9070	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9074	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9076	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9096	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9098	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9099	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9100,01	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9102	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9105	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9106	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9107	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9108,09	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9110	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9111	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9113	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9120	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9121	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9127	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9129	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9131-33	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R9134	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R9140	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9141-45	ERJ3GEYJ101	M 100 OHM,J,1/16W	5	
R9148	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9149	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9150,51	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9152,53	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9154,55	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9156	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9158,59	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9160,61	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9162	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9164-66	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9167,68	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R9169	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9170-72	ERJ3GEYJ393	M 39KOHM,J,1/16W	3	
R9173-75	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9177	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9178	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9179	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9180	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9181-84	ERJ3GEYJ102	M 1KOHM,J,1/16W	4	
R9185,86	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9187,88	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9189,90	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9192	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9193	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9194	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9196	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9199	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9203	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9205	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9206,07	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9215	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R9217-22	ERJ3GEYJ103	M 10KOHM,J,1/16W	6	
R9223	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9225	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9230	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9232	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9236	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9237	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9240	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9317	ERJ3GEYJ391	M 390 OHM,J,1/16W	1	
R9348	D1HG8208A002	NETWORK RESISTER	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9349	EXB38V820J	RESISTOR ARRAY	1	
R9350,51	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9352	EXB38V820J	RESISTOR ARRAY	1	
R9353,54	D1HG8208A002	NETWORK RESISTER	2	
R9355,56	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9357-59	D1HG8208A002	NETWORK RESISTER	3	
R9360	EXB38V820J	RESISTOR ARRAY	1	
R9361,62	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9363	EXB2HV470JV	RESISTOR ARRAY	1	
R9366	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9367	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9368	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9369	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9370	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9371	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9379	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9380	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9382	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9390	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9391	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9394	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9395	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9501	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9503	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9506	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9507	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9511-13	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R9514	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9516	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9518	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R9523	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9525	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9526	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9527,28	EXB2HV272JV	RESISTOR ARRAY	2	
R9529,30	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9531-33	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R9534	EXB38V470J	RESISTOR ARRAY	1	
R9535,36	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R9538	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9540	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9543,44	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9545	ERJ3GEYJ304V	M 300KOHM,J,1/16W	1	
R9548-50	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9552	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9555	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9800	ERJ3EKF1302	M 23KOHM, 1/16W	1	
R9801	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R9802	ERJ3EKF6202	M 62KOHM, 1/16W	1	
R9803	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9804	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R9805	ERJ3EKF3002	M 30KOHM, 1/16W	1	
R9806	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R9807	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9808	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9810	ERJ3EKF3001	M 3KOHM, 1/16W	1	
R9813	ERJ3EKF2401	M 2.4KOHM, 1/16W	1	
R9814	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R9815	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R9816	ERJ3EKF8202	M 82KOHM, 1/16W	1	
R9821	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9823-27	ERJ3GEYJ101	M 100 OHM,J,1/16W	5	
R9828	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9830,31	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9838,39	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R9840	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9841	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9842-44	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	
R9845	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9846,47	EXB2HV272JV	RESISTOR ARRAY	2	
R9848,49	EXB2HV470JV	RESISTOR ARRAY	2	
R9850	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9854	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9859	EXB38V101J	RESISTOR ARRAY	1	
R9861-63	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9868	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9869-71	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9872	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9878	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R9879	ERJ3EKF2002	M 20KOHM, 1/16W	1	
R9880	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R9883	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9884	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9891	ERJ3EKF4702	M 47KOHM, 1/16W	1	
R9892	ERJ3EKF1502	M 15KOHM, 1/16W	1	
R9893	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R9896	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9897	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9903	EXB2HV470JV	RESISTOR ARRAY	1	
R9904	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9905	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9906	EXB38V470J	RESISTOR ARRAY	1	
R9907	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9917,18	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9919,20	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9922	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9929	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9936-39	ERJ3EKF1001	M 1KOHM, 1/16W	4	
R9940	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9941,42	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R9943-51	EXB38V470J	RESISTOR ARRAY	9	
R9952-55	ERJ3GEYJ470	M 47 OHM,J,1/16W	4	
R9956	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
RM2501	PNA4701M05TV	REMOTE RECEIVER	1	
RTL	TNPA3740AC	CIRCUIT BOARD XV	1	TH-37PX600B PAVCCZ ⚠
RTL	TNPA3756CA	CIRCUIT BOARD DG	1	TH-37PV600E PAVCCZ ⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
RTL	TNPA3756CG	CIRCUIT BOARD DG	1	TH-37PX600B PAVCCZ ⚠
RTL	TNPA3759	CIRCUIT BOARD H	1	PAVCCZ ⚠
RTL	TNPA3766	CIRCUIT BOARD HC	1	PAVCCZ ⚠
RTL	TNPA3767	CIRCUIT BOARD TA	1	TH-37PV600E PAVCCZ ⚠
RTL	TNPA3767AB	CIRCUIT BOARD TA	1	TH-37PX600B PAVCCZ ⚠
RTL	TXNPA1BETB	CIRCUIT BOARD PA	1	PAVCCZ ⚠
RTL	TXNC11BKTB	CIRCUIT BOARD C1	1	PAVCCZ ⚠
RTL	TXNC21BKTB	CIRCUIT BOARD C2	1	PAVCCZ ⚠
RTL	TZTNP01BKTB	CIRCUIT BOARD D	1	PAVCCZ ⚠
RTL	TXN/P1BKTB	CIRCUIT BOARD P	1	PAVCCZ ⚠
RTL	TXNSC1BKTB	CIRCUIT BOARD SC	1	PAVCCZ ⚠
RTL	TXNSD1BKTB	CIRCUIT BOARD SD	1	PAVCCZ ⚠
RTL	TXNSS1BKTB	CIRCUIT BOARD SS	1	PAVCCZ ⚠
RTL	TXNSU1BKTB	CIRCUIT BOARD SU	1	PAVCCZ ⚠
RTL	TXN/G1BJTB	CIRCUIT BOARD G	1	PAVCCZ ⚠
RTL	TXNGK1BJTB	CIRCUIT BOARD GK	1	PAVCCZ ⚠
RTL	TXN/K1BJTB	CIRCUIT BOARD K	1	TH-37PX600B PAVCCZ ⚠
RTL	TXN/K1BJTE	CIRCUIT BOARD K	1	TH-37PV600E PAVCCZ ⚠
RTL	TXN/S1BJTB	CIRCUIT BOARD S	1	PAVCCZ ⚠
RTL	TXNGS1BETB	CIRCUIT BOARD GS	1	PAVCCZ ⚠
S1	K1KA03BA0061	3P CONNECTOR	1	
SC2	K1KA02A00626	2P CONNECTOR	1	
SC20	K1KA20AA0008	20P CONNECTOR	1	
SC23	K1KA03AA0193	3P CONNECTOR	1	
SC30	K1KA08AA0192	8P CONNECTOR	1	
SC41,42	K1ML80B00001	80P CONNECTOR	2	
SC45,46	K1KA09A00239	9P CONNECTOR	2	
SCMM1	TMME260	CLAMPER	1	
SCMM3	TMME260	CLAMPER	1	
SD1-D3	K1MNC0B00002	CONNECTOR	3	PAVCCZ
SD46	K1KB09A00045	9P CONNECTOR	1	
SS11	K1KA02A00626	2P CONNECTOR	1	
SS12	K1KA10AA0194	10P CONNECTOR	1	
SS23	K1KA12AA0194	12P CONNECTOR	1	
SS34	K1KA03AA0193	3P CONNECTOR	1	
SS41A-4A	K1MN13B00020	13P CONNECTOR	4	
SU1-U3	K1MNC0B00002	CONNECTOR	3	PAVCCZ
SU45	K1KB09A00045	9P CONNECTOR	1	
SW2500	K0F162B00002	SWITCH	1	
SW3753-57	EVQ11G05R	SWITCH	5	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
T6602	ETS25AZ139AD	SWITCHING TRANS	1	
TA5	K1KB15B00013	15P CONNECTOR	1	
TA6	K1KB09B00019	9P CONNECTOR	1	
TU001	ENG37A12GF	TUNER	1	TH-37PV600E ⚠
TU001	ENGF7301GF	TUNER	1	TH-37PX600B PAVCCZ ⚠
TU8001	ENV57M01D8F	TUNER	1	TH-37PX600B PAVCCZ ⚠
VR6000	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
VR6600	EVMEASA00B13	CONTROL 1KOHMB 0.3W	1	
VR6602	EVMEASA00B53	CONTROL 5KOHMB 0.3W	1	
X1100	H0J100500030	CRYSTAL	1	
X1101	H0J327200114	CRYSTAL	1	
X2101	H0J184500027	CRYSTAL	1	
X4004	H0J270500087	CRYSTAL	1	
X8003	H0J241500003	CRYSTAL	1	TH-37PX600B PAVCCZ
X8006	H0J270500090	CRYSTAL	1	TH-37PX600B PAVCCZ
X9000	H2D200500011	CRYSTAL	1	
X9200	H0J200500038	CRYSTAL	1	
XV01	K1KAB0A00011	CONNECTOR	1	TH-37PX600B
ZA2101-08	TESA169	SHIELD CLIP	8	
ZA2300,01	K4CZ01000027	COMPATIBLE WITH JALCO K9	2	
ZA3401-05	K4CZ01000027	COMPATIBLE WITH JALCO K9	5	
ZA3701	K4CD01000013	TERMINAL	1	
ZA4001,02	K4CD08000002	TERMINAL	2	
ZA6001,02	K4CD01000011	TERMINAL	2	
ZA6005	K4CD01000011	TERMINAL	1	
ZA6401-03	K4CD01000011	TERMINAL	3	
ZA7101-04	K4CD01000013	TERMINAL	4	
ZA7201-04	K4CD01000013	TERMINAL	4	
ZA9001	K4CD01000011	TERMINAL	1	
C402	F1J1C1050011	C 1UF, Z, 50V	1	
C404	F0CAF105A021	C 1UF, 250V	1	⚠
C407	EEUEB2W220B	E 22UF, 450V	1	⚠
C408	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C409	F0CAF225A021	C 22UF, 250V	1	⚠
C410	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C413	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C414	ECQU2A473ML	P 0.047UF, M,250V	1	⚠
C421	F1J1C1050011	C 1UF, Z, 50V	1	
C422	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C423	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C425	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C426	ECJ2XC1H471J	C 470PF, J, 50V	1	
C427	F1J1C1050011	C 1UF, Z, 50V	1	
C428	ECJ2XC1H221J	C 220PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C429	F1E2J4730001	C 0.047PF, , 600V	1	
C431	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C432	F1J1C1050011	C 1UF, Z, 50V	1	
C433	ECJ3XB1E104K	C 0.1UF, K, 25V	1	
C434	F1J1C1050011	C 1UF, Z, 50V	1	
C436	F1J1C1050011	C 1UF, Z, 50V	1	
C440	ECA1HM100	E 10UF, 50V	1	
C443,44	F1A3A102A040	C 1000PF, J, 1KV	2	
C445	F1J1C1050011	C 1UF, Z, 50V	1	
C446,47	F2B2W2010001	C 200UF, 450V	2	⚠
C450	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C451	F1A3A101A040	C 100PF, J, 1KV	1	
C457	ECWH12333RHV	P 0.013UF,J,1.2KV	1	
C460,61	F1A3A331A039	E 330UF, 1KV	2	
C462	ECJ3YB1E105K	C 1UF, K, 25V	1	
C463	ECJ2XC1H220J	C 22UF, J, 50V	1	
C467	ECKCNA221KB7	C 220PF, M,	1	⚠
C468	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C469	ECKCNA221KB7	C 220PF, M,	1	⚠
C470	F0CAF105A021	C 1UF, 250V	1	⚠
C473,74	ECKCNA101KB7	C 100PF	2	⚠
C476	ECKCNA101KB7	C 100PF	1	⚠
C478	ECKCNA101KB7	C 100PF	1	⚠
C493	ECA1HM470	E 47UF, 50V	1	
C494	F2A2E1R00008	E 1.0UF, 250V	1	
C497	ECA1HM470	E 47UF, 50V	1	
C501,02	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C503	ECJ2XC1H471J	C 470PF, J, 50V	1	
C504	F1J1C1050011	C 1UF, Z, 50V	1	
C505	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C506,07	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C508	ECJ2XC1H471J	C 470PF, J, 50V	1	
C509	ECA1EHG101	E 100UF, 25V	1	
C510	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C511	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C512-14	ECJ2XC1H471J	C 470PF, J, 50V	3	
C515	F2A1A1220011	E 1200UF, 10V	1	
C516	ECJ2XB1C474K	C 0.47UF, Z, 16V	1	
C517	F2A1E221A096	E 220UF, 25V	1	
C518	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C519	F1J1C1050011	C 1UF, Z, 50V	1	
C520	ECWH8683RHV	P 0.068PF, J, 8KV	1	
C523	ECJ3YB1E105K	C 1UF, K, 25V	1	
C526	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C527	ECJ3YB1E475K	C 4.7UF, K, 25V	1	
C528,29	F1J1C1050011	C 1UF, Z, 50V	2	
C530	ECJ2VB1H333K	C 0.033UF, K, 50V	1	
C531	ECJ3YB1E105K	C 1UF, K, 25V	1	
C533	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C534	ECJ2XC1H471J	C 470PF, J, 50V	1	
C546,47	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C550	ECJ2XC1H331J	C 330PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C551,52	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C554	F1J1C1050011	C 1UF, Z, 50V	1	
C555	F2A2C101A120	E 1000UF, 160V	1	⚠
C556,57	EEUFC1E152	E 1500UF, 25V	2	
C558	F2A1E471A096	E 470UF, 25V	1	
C559	F2A1A1220011	E 1200UF, 10V	1	
C562	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C571	ECJ2XC1H330J	C 33PF, J, 50V	1	
C574	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C577	F2A2A330A022	E 33UF, 100V	1	⚠
C581	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C583	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C584,85	ECJ2XB1H223K	C 0.022UF, K, 50V	2	
C587	ECJ2XB1H332K	C 3300PF, K, 50V	1	
C601	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C603	ECJ2FB1E105K	C 1UF, K, 25V	1	
C604,05	F2A2D1510008	E 150UF, 200V	2	⚠
C607	F1J1C1050011	C 1UF, Z, 50V	1	
C608	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C610	F1J1C1050011	C 1UF, Z, 50V	1	
C611	F2B2T1420003	E 142UF, 220V	1	⚠
C612,13	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C615	F2B2T1420003	E 142UF, 220V	1	⚠
C616	F1A3A102A040	C 1000PF, J, 1KV	1	
C619	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C620	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C623	ECA1HM100	E 10UF, 50V	1	
C624	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C625	ECA1HM100	E 10UF, 50V	1	
C626	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C627	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C629-31	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C632	ECJ2XC1H331J	C 330PF, J, 50V	1	
C634	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C635	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C638,39	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C640	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C641	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C643	ECA1HM470	E 47UF, 50V	1	
C650	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C653	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C654	ECJ3YB1E105K	C 1UF, K, 25V	1	
C655,56	ECJ3YB1E225K	C 2.2UF, K, 25V	2	
C657	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C658	ECJ3YB1E105K	C 1UF, K, 25V	1	
C659	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C660	ECJ2FB1C225K	C 22UF, K, 16V	1	
C661,62	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
D401	B0FBAT000006	DIODE	1	⚠
D404	B0EBKT000007	DIODE	1	⚠
D407	MA111	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D411	B0BB17000009	DIODE	1	
D412	B0HAMM000122	DIODE	1	
D415	B0JAME000099	DIODE	1	
D416	B0HAMP000067	DIODE	1	
D417	B0HAPR000013	DIODE	1	
D418	B0BC8R100013	DIODE	1	
D419,20	B0HAPR000013	DIODE	2	
D423	MA188	DIODE	1	
D425	MA188	DIODE	1	
D429	ERA15-10	DIODE	1	
D430	MA111	DIODE	1	
D431,32	B0JCDD000002	DIODE	2	
D433	B0BC01400033	DIODE	1	
D435	ERA15-10	DIODE	1	
D436-38	MA4200M	ZENER DIODE	3	
D441	B0HAMM000122	DIODE	1	
D444	B0HAMM000122	DIODE	1	
D445	MA4360H	ZENER DIODE	1	
D501	B0HAPR000012	DIODE	1	
D503,04	MA165	DIODE	2	
D505	B0JAME000099	DIODE	1	
D506	MAZ80470LL	ZENER DIODE	1	
D507,08	B0BC7R400023	DIODE	2	
D509	B0JANG000018	DIODE	1	
D511	B0JAML000011	DIODE	1	
D512,13	MA111	DIODE	2	
D514	B0BC6R100025	DIODE	1	
D515	B0BC3R200008	DIODE	1	
D516-18	MA4330M	ZENER DIODE	3	
D520	MA111	DIODE	1	
D521	B0JAME000099	DIODE	1	
D528,29	MA153	DIODE	2	
D530	B0BC9R900013	DIODE	1	
D531	B0HBSN000013	DIODE	1	
D535	MA188	DIODE	1	
D536	B0JBSG000026	DIODE	1	
D538	B0BC5R100039	DIODE	1	
D539,40	B0AARR000010	DIODE	2	
D542	MA4200M	ZENER DIODE	1	
D543	B0BC01400033	DIODE	1	
D544,45	MA4200M	ZENER DIODE	2	
D549	B0BC02500008	DIODE	1	
D551	B0BC01300033	DIODE	1	
D555	B0BC7R400023	DIODE	1	
D559	B0BC7R400023	DIODE	1	
D563	B0BC6R100025	DIODE	1	
D569-72	B0BC02500008	DIODE	4	
D574	MA165	DIODE	1	
D575	MA188	DIODE	1	
D579	MA165	DIODE	1	
D582	MAZ705600F	ZENER DIODE	1	
D585	B0BC7R400023	DIODE	1	
D586	B0HAMP000067	DIODE	1	
D587	MA188	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D588	B0BC3R200008	DIODE	1	
D590	B0BC3R200008	DIODE	1	
D596	ERA15-10	DIODE	1	
D598	B0BC5R100039	DIODE	1	
D599	B0JCND000009	DIODE	1	
D600	B0BC7R400023	DIODE	1	
D601	B0BC5R100039	DIODE	1	
D602	B0BC8R100013	DIODE	1	
F410	K5G102B00020	FUSE	1	⚠
IC401	CNC1S171R	IC	1	⚠
IC402	C0DAEMB00004	IC	1	
IC403-05	CNC1S171R	IC	3	⚠
IC406	C0DAZZZ00021	IC	1	
IC408	CNC1S171R	IC	1	⚠
IC409	MIP2G40MPSCF	IC	1	⚠
IC410	CNC1S171R	IC	1	⚠
IC411	C0DAEMB00004	IC	1	
IC412	CNC1S171R	IC	1	⚠
IC501	C2ABDB000110	IC	1	
IC502	C0EBH0000210	IC	1	
IC504	C0DAEMB00004	IC	1	
IC505	CNC1S171R	IC	1	
IC506	C0ZBZ0000878	IC	1	
IC507	CNC1S171R	IC	1	
IC509	C0DABZZ00010	IC	1	
IC510	C0DBAZG00034	IC	1	
IC512	C0DAEMB00004	IC	1	
IC520	LSSK0062	IC	1	
L403	EXCELSA35	BEAD CHOKE	1	
L404,05	G0B123K00004	CHOKE COIL	2	⚠
L410	ELF17N004A	LINE FILTER	1	⚠
L510	EXCELDR25C	BEAD CHOKE	1	
L511	G0A470ZA0033	CHOKE COIL	1	
L512	ELESE4R7JA	PEAKING COIL	1	
L513	EXCELDR25C	BEAD CHOKE	1	
L514	G0A100GA0013	CHOKE COIL	1	
P2	K1KA02A00626	2P CONNECTOR	1	
P5	K1KA11AA0194	11P CONNECTOR	1	
P9	K1KA03A00537	3P CONNECTOR	1	
P10	K1KA06A00452	6P CONNECTOR	1	
P11	K1KA02A00626	2P CONNECTOR	1	
P12	K1KA10AA0194	10P CONNECTOR	1	
P23	K1KA03AA0193	3P CONNECTOR	1	
P25	K1KA20AA0178	20P CONNECTOR	1	
PMM1	TMM7464-2	CLAMPER	1	
PMM2,M3	TMME088	CLAMPER	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
PMM4-M6	TMM7464-2	CLAMPER	3	
PMM7	TMME047	CLAMPER	1	
PR401	K5Y502BA0001	FUSE	1	⚠
PR505	K5H5022A0023	FUSE	1	⚠
PR509	ERBSE0R50U	FUSE	1	⚠
PR601	K5G312B00012	FUSE	1	⚠
Q401	B1CHND000004	TRANSISTOR	1	
Q402	B1DFDD000019	TRANSISTOR	1	
Q404	B1BCCF000022	TRANSISTOR	1	
Q406	B1DEKQ000003	TRANSISTOR	1	⚠
Q407	B1HFCFA00021	TRANSISTOR	1	
Q408,09	B1DHCD000034	TRANSISTOR	2	
Q412,13	B1DEGQ000070	TRANSISTOR	2	⚠
Q418	2SD1819A	TRANSISTOR	1	
Q420-22	2SD1819A	TRANSISTOR	3	
Q434	B1CEJQ000003	TRANSISTOR	1	
Q501,02	2SD1820A	TRANSISTOR	2	
Q505	B1CEJQ000002	TRANSISTOR	1	
Q507	B1DAGQ000013	TRANSISTOR	1	
Q508	B1HBCFA00033	TRANSISTOR	1	
Q509	B1HDCEA00001	TRANSISTOR	1	
Q510	B1DHBD000005	TRANSISTOR	1	
Q512	B1CBGD000001	FET	1	
Q517	B1HBCFA00033	TRANSISTOR	1	
Q520	B1HBCFA00033	TRANSISTOR	1	
Q521	B1CBGD000001	FET	1	
Q524	B1CFGF000008	TRANSISTOR	1	
Q525	B1CBGD000001	FET	1	
Q527	B1CERL000005	TRANSISTOR	1	
Q530	2SD1819A	TRANSISTOR	1	
Q535	2SD1819A	TRANSISTOR	1	
Q537	B1DFDD000019	TRANSISTOR	1	
Q538	B1CBGD000001	FET	1	
Q540	B1DHCD000034	TRANSISTOR	1	
Q541	B1CBGD000001	FET	1	
Q551	B1CBGD000001	FET	1	
Q553	2SD1819A	TRANSISTOR	1	
Q554	B1DHCD000034	TRANSISTOR	1	
Q555,56	B1DFGD000045	TRANSISTOR	2	
Q557-59	2SD1819A	TRANSISTOR	3	
Q561	2SD1819A	TRANSISTOR	1	
Q563	B1CFGF000008	TRANSISTOR	1	
Q564,65	2SB1218ARL	TRANSISTOR	2	
Q566	2SD1819A	TRANSISTOR	1	
Q568	B1CHGD000006	TRANSISTOR	1	
Q569	B1CBGD000001	FET	1	
R401	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R402	ERJ6GEYJ821	M 820 OHM,J,1/10W	1	
R403	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R404	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R406	ERX12SJ2R2V	M 2.2 OHM, J,1/2W	1	
R407	ERJ8ENF4303	M 43KOHM, 1/8W	1	
R410	D1F5100E0003	CHIP RESISTOR	1	⚠
R412	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R413	D1F5100E0003	CHIP RESISTOR	1	⚠
R414	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R415	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R416	ERJ6GEYJ305	M 3MOHM,J,1/10W	1	
R417	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R418	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R419	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R420	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R421	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R422	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R423	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R424	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R425	ERJ6ENF3902	M 39KOHM, 1/10W	1	
R426	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R427	ERJ8ENF4303	M 43KOHM, 1/8W	1	
R428	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R429	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R430	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R431	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R432	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R433	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R434	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R435	ERJ8ENF4303	M 43KOHM, 1/8W	1	
R436	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R437	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R438	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R439	ERG12SJ120	M 12 OHM, J,1/2W	1	
R440	ERJ8GEYJ474	M 470KOHM, J,1/8W	1	
R441,42	ERJ6EKF6803	M 680KOHM, 1/10W	2	
R443	EVMAASA00B23	CONTROL 2KOHMB	1	
R444	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R448,49	D0XGR08J0001	M 0.08OHM,J, 5W	2	
R450	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R451	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R452	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R453	ERJ6GEYJ305	M 3MOHM,J,1/10W	1	
R454	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R455	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R456	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R458	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R459	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R461	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R462	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R463	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R464	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R465	ERJ6ENF5603	M 560KOHM, 1/10W	1	
R467	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R471	ERJ8GEYJ332	M 3.3KOHM, J,1/8W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R472,73	ERJ6ENF5603	M 560KOHM, 1/10W	2	
R475	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R476,77	ERJ14YJ181U	M 181 OHM, J,1/4W	2	
R478	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R480	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R482	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R483	D0BF225JA030	M 22MOHM,J,0.05W	1	⚠
R487	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R488	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R490,91	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R492	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R493	ERG12SJ120	M 12 OHM, J,1/2W	1	
R494-96	ERJ6ENF5603	M 560KOHM, 1/10W	3	
R497	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R498	ERG3SJ101	M 100 OHM, J, 3W	1	
R499	D0BF394JA029	M 390KOHM,J,0.05W	1	⚠
R501	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R502,03	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R504	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R505	ERJ8GEYJ330	M 33 OHM, J,1/8W	1	
R506	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R507	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R508	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R509-11	ERJ6GEYJ104	M 100KOHM,J,1/10W	3	
R512	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R513,14	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R515,16	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R518	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R519,20	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R521,22	ERJ8GEYJ100	M 10 OHM, J,1/8W	2	
R523	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R524	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R525	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R526,27	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R528	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R529	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R530	ERJ6RBD3302	M 33KOHM,F,1/10W	1	
R532	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R533	ERJ6GEYJ163	M 16KOHM,J,1/10W	1	
R534	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R535,36	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R537	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R538	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R539	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R540,41	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R542	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R543	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R544	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R545	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R546	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R547	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R548	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R549	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R550	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R551	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R552	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R553	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R554	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R555,56	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R557	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R558	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R559	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R560	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R561	ERJ6ENF5101	M 5.1KOHM, 1/10W	1	
R562	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R563	ERJ6GEYJ2R2	M 2.2 OHM,J,1/10W	1	
R564	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R565,66	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R567,68	ERJ8ENF1004	M 100KOHM, 1/8W	2	
R569	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R570	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R571	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R572,73	ERJ8ENF3900	M 390 OHM, 1/8W	2	
R574	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R575	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R576	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R577,78	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R579	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R580,81	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R582	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R583	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R584	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R585	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R586	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R587	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R588	ERJ8ENF3900	M 390 OHM, 1/8W	1	
R589,90	ERJ8GEYJ123	M 12KOHM, J,1/8W	2	
R591	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R592	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R593	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R594	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R595	ERJ8GEYJ222	M 2.2KOHM, J,1/8W	1	
R596	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R597,98	ERJ6ENF3302	M 33KOHM, 1/10W	2	
R599,00	ERJ8ENF3900	M 390 OHM, 1/8W	2	
R601	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R602	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R603	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R606	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R607	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R608	ERJ8GEYJ332	M 3.3KOHM, J,1/8W	1	
R609	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R610,11	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R612	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R613	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R614	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R615	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R616,17	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R618	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R619	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R620	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R621	ERJ8GEYJ123	M 12KOHM, J,1/8W	1	
R622	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R624	ERX2SJR22	M0.22 OHM, J, 2W	1	
R626	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R627	ERJ6GEYJ752	M 7.5KOHM,J,1/10W	1	
R628	EVMAASA00B33	CONTROL 3KOHMB	1	
R629	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R630	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R631	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R632	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R633	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R634	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R636	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R637	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R638	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R641	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R642-44	ERJ8RQJR39	M0.39 OHM, 1/8W	3	
R645	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R646,47	ERJ8GEYJ223	M 22KOHM, J,1/8W	2	
R648	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R649	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R650	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R651,52	ERJ6ENF1002	M 10KOHM, 1/10W	2	
R653	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R654	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R655	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R656	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R657	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R658	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R659	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R660	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R661	EVMEASA00B53	CONTROL 5KOHMB 0.3W	1	
R662	ERJ6ENF1503	M 150KOHM, 1/10W	1	
R664	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R665	EVMEASA00B23	CONTROL 2KOHMB 0.3W	1	
R666	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R667,68	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R669	ERJ6ENF1303	M 130KOHM, 1/10W	1	
R670	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R671	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R672,73	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R674	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R675	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R676	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R677	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R678	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R679,80	ERJ8RSJR16V	M 16 OHM, 1/8W	2	
R682	ERJ6ENF2002	M 20KOHM, 1/10W	1	
R683	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R684	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R685,86	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R687	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R688,89	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R690	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R691	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R692	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R693	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R695	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R696	ERJ8GEYJ100	M 10 OHM, J,1/8W	1	
R697	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R698	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R699-08	ERJ8GEYJ105	M 1MOHM, J,1/8W	10	
R711	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R712	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R713	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R714	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R715	ERDS2TJ101	C 100 OHM, J,1/4W	1	
R921	ERJ6RBD3302	M 33KOHM,F,1/10W	1	
R922	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R931	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R932	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R933	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R935	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R936	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R937	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R938	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R939,40	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R943	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R945	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R946	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R947	ERJ8GEYJ331	M 330 OHM, J,1/8W	1	
R950	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R951,52	ERJ8GEYJ100	M 10 OHM, J,1/8W	2	
R953	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R955	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R956	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
RL402,03	TSEH8011	RELAY	2	⚠
S401,02	J0LT00000009	SWITCH	2	⚠
T401	G4D4A0000119	SWITCHING TRANSFORMER	1	
T402	G4D1A0000098	SWITCHING TRANSFORMER	1	⚠
T404	ETS42LA12GAD	SWITCHING TRANS	1	⚠
T407	ETQ11K5AZ	CHOKE TRANS	1	⚠
T410	ETS25AF115AH	SWITCHING TRANS	1	⚠
T601	G4D2A0000264	SWITCHING TRANS	1	
W9,10	J0JKB0000037	FLAT CORE	2	
X501	H2B400400021	CRYSTAL	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Z1,Z2	**K4ZZ01000206**	**TERMINAL**	**2**	
Z420	**TMM23417**	**CLAMPER**	**1**	
Z450-53	**EYF52BCY**	**FUSE HOLDER**	**4**	
ZN401	**ERZVGED621T2**	**VARISTOR**	**1**	⚠
ZN402	**D4EAD7510001**	**VARISTOR**	**1**	⚠
ZN404	**ERZVGAD681T2**	**VARISTOR**	**1**	⚠
ZN405-06	**ERZVA7D511**	**VARISTOR**	**2**	⚠

16.3. Electrical Replacement Parts List (42inch)

Note:

All parts except parts mentioned [PAVCCZ] in the Remarks column are supplied by PAVC-CSG. Parts mentioned [PAVCCZ] are supplied by PAVCCZ.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F401.402	K5D802BNA005	TIME LAG FUSE HIGH	2	⚠
C001	ECA0JM102	E 1000UF, 6.3V	1	
C002,03	ECA1HM100	E 10UF, 50V	2	
C007	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C009	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C11	K1MN55BA0076	55P CONNECTOR	1	
C12	K1MN20BA0231	20P CONNECTOR	1	
C013	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C016	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C018,19	ECJ1VC1H330J	C 33PF, J, 50V	2	
C020	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C021	ECJ1XC1H101J	C 100PF, J, 50V	1	
C21	K1MN55BA0076	55P CONNECTOR	1	
C22	K1MN20BA0231	20P CONNECTOR	1	
C23	K1KA12BA0107	12P CONNECTOR	1	
C1100	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1102	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1103	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1105	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1106	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1107	EEEHB0G101R	C 100PF, J, 4V	1	
C1109-11	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C1112	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1114	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1116	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1118-23	ECJ0EB1A104K	C 0.1UF, K, 10V	6	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1125	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1127-32	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C1133,34	ECJ1XC1H150J	C 15PF, J, 50V	2	
C1135-42	ECJ0EB1A104K	C 0.1UF, K, 10V	8	
C1144-50	ECJ0EB1A104K	C 0.1UF, K, 10V	7	
C1152	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1153	EEEHB0G101R	C 100PF, J, 4V	1	
C1154	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1155	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1156,57	ECJ1XC1H220J	C 22PF, J, 50V	2	
C1158	F1J0J1060004	C 0.010UF, K, 16V	1	
C1159	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1160	F2G0J470A019	E 47UF 6.3V	1	
C1161	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1162	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1167,68	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C1170,71	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-42PX600B
C1172	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1177	ECJ1VB1A334K	C 0.1UF, K, 16V	1	
C1178	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1180,81	ECJ1VB1H221K	C 220UF, K, 50V	2	
C1186	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1190	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1209	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1212	ECJ1XC1H151J	C 150PF, J, 50V	1	
C1219,20	EEEHP1C100R	C 10PF, J, 16V	2	
C1221	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C1222,23	F1J0J1060004	C 0.010UF, K, 16V	2	
C1226	F1J0J1060004	C 0.010UF, K, 16V	1	
C1227	ECJ0EB1H101K	C 100PF, K, 50V	1	
C1228-34	EEEHB1C470P	C 47PF, J, 16V	7	
C1294	ECJ1XC1H330J	C 33PF, J, 50V	1	
C2005-18	ECJ1XC1H561J	C 560PF, J, 50V	14	
C2019	ECA1CM221	E 220UF, 16V	1	
C2020	ECA1HM220	E 22UF, 50V	1	
C2021,22	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2103,04	ECJ3YB1A106M	C 10UF, M,6.3V	2	
C2111	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2116	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2118,19	ECEA1CN470U	E 47UF, 16V	2	
C2122,23	ECJ3YB1A106M	C 10UF, M,6.3V	2	
C2125,26	ECJ1VB1H102K	C 1000PF, K, 50V	2	
C2127	ECA1CMH101	E 100UF, 16V	1	
C2128	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2129,30	F1J1A1050002	C 1UF, Z, 50V	2	
C2131	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2132	EEEHB1C100R	C 10PF, J, 16V	1	
C2133,34	ECJ1XC1H470J	C 47PF, J, 50V	2	
C2135,36	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2139-43	ECJ1VB1H103K	C 0.001UF, K, 50V	5	
C2144,45	ECJ3YB1A106M	C 10UF, M,6.3V	2	
C2146	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2147	ECA1HM220	E 22UF, 50V	1	
C2148-50	ECJ2FB1C105K	C 1UF, K, 16V	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2152	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2153	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C2154	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2155	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2156	ECJ3YB1A106M	C 10UF, M,6.3V	1	
C2157	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2158	ECJ3YB1A106M	C 10UF, M,6.3V	1	
C2159,60	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2161	ECA1CMH101	E 100UF, 16V	1	
C2162-69	ECJ2FB1C105K	C 1UF, K, 16V	8	
C2170-72	ECJ1VB1H102K	C 1000PF, K, 50V	3	
C2173	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2174	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2175-77	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C2178,79	EEEHB1C100R	C 10PF, J, 16V	2	
C2181	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2183	EEEHB1H3R3R	C 3.3PF, J, 50V	1	
C2184,85	ECJ2VF1C104Z	C 0.1UF, Z, 16V	2	
C2189,90	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2191	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2192	EEEHB1C100R	C 10PF, J, 16V	1	
C2193,94	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2195	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2196	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2197	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	
C2198	EEEHB0J101P	C 100PF, J, 6.3V	1	
C2199	ECJ1VC1H560J	C 56PF, J, 50V	1	
C2200	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2201	ECJ1XC1H030C	C 3PF, C, 50V	1	
C2202	ECJ1XC1H050C	C 5PF, C, 50V	1	
C2203	ECJ1VC1H100C	C 10PF, C, 50V	1	
C2204	ECJ1XC1H220J	C 22PF, J, 50V	1	
C2211	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C2213	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
C2217	F1H0J1050012	C 1UF, K, 16V	1	
C2218-21	ECJ3YB1A106M	C 10UF, M,6.3V	4	
C2222	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2223	ECJ1XC1H390J	C 39PF, J, 50V	1	
C2225	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2226	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2227	ECA1CMH101	E 100UF, 16V	1	
C2228	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2229,30	ECA1CMH101	E 100UF, 16V	2	
C2231	ECA1CHG470	E 47UF, 16V	1	
C2232	F1H0J1050012	C 1UF, K, 16V	1	
C2233,34	ECJ1VB1H102K	C 1000PF, K, 50V	2	
C2235	F1H0J1050012	C 1UF, K, 16V	1	
C2236	ECA1CHG470	E 47UF, 16V	1	
C2237-40	ECJ1VB1H103K	C 0.001UF, K, 50V	4	
C2243	ECA1CHG470	E 47UF, 16V	1	
C2301	ECA1EHG471	E 470UF, 25V	1	
C2302,03	ECA1CMH101	E 100UF, 16V	2	
C2304,05	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C2306	ECJ1XB1C393K	C 0.039UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2307	ECA1CMH101	E 100UF, 16V	1	(H)
C2307	ECJ1XB1C393K	C 0.039UF, K, 16V	1	(PA)
C2308-13	ECJ1VB1E183K	C 0.018UF, K, 25V	6	
C2314	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2317	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2320	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2321	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2322	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2323,24	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2325,26	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2327	F1J1H474A757	C 0.47UF, 50V	1	
C2328-31	ECJ2FB1E105K	C 1UF, K, 25V	4	
C2332,33	ECA1EHG471	E 470UF, 25V	2	
C2334,35	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2336	F1J1H474A757	C 0.47UF, 50V	1	
C2337,38	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2341	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C2342	ECJ2FB1E105K	C 1UF, K, 25V	1	
C2346	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2349	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2350	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2351	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2352,53	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2354,55	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2356	F1J1H474A757	C 0.47UF, 50V	1	
C2357-60	ECJ2FB1E105K	C 1UF, K, 25V	4	
C2361,62	ECA1EHG471	E 470UF, 25V	2	
C2363,64	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2365	F1J1H474A757	C 0.47UF, 50V	1	
C2366,67	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2368,69	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C2370	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C2371	ECJ2FB1E105K	C 1UF, K, 25V	1	
C2372	ECA1HHG100	E 10UF, 50V	1	
C2373	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C2374	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2380,81	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C2382	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2385	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2387	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2389	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2391	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2393-96	ECJ1VB1C105K	C 0.01UF, K, 16V	4	
C2401	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2402	ECJ2FB0J106M	C 10UF, Z,6.3V	1	
C2403	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2404	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2405	ECJ2FB0J106M	C 10UF, Z,6.3V	1	
C2416	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2417,18	ECJ2FB0J106M	C 10UF, Z,6.3V	2	
C2430	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2510,11	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C2512	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C2515	ECJ1VB1H103K	C 0.001UF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2517	ECJ1VB1H103K	C 0.001UF, K, 50V	1	TH-42PX600B
C2521	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3001-03	ECJ1VB1H102K	C 1000PF, K, 50V	3	
C3021	F1J1A1050002	C 1UF, Z, 50V	1	
C3022,23	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C3024-28	F1J1A1050002	C 1UF, Z, 50V	5	
C3029	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3030	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3031	F1J1A1050002	C 1UF, Z, 50V	1	
C3033	F1J1A1050002	C 1UF, Z, 50V	1	
C3035,36	F1J1A1050002	C 1UF, Z, 50V	2	
C3038	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3039	F1J1A1050002	C 1UF, Z, 50V	1	
C3040	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3041	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3042,43	F1J1A1050002	C 1UF, Z, 50V	2	
C3045,46	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C3047	F1J1A1050002	C 1UF, Z, 50V	1	
C3048	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3049-56	F1J1A1050002	C 1UF, Z, 50V	8	
C3058	ECA1EM471	E 470UF, 25V	1	
C3059	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3061-64	ECJ2VF1C104Z	C 0.1UF, Z, 16V	4	
C3065	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3066	F1J1A1050002	C 1UF, Z, 50V	1	
C3067	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3068	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3070	ECA1EM471	E 470UF, 25V	1	
C3071	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3072	ECA1EM471	E 470UF, 25V	1	
C3073	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3074	ECA1EM471	E 470UF, 25V	1	
C3075	ECA1CM221	E 220UF, 16V	1	
C3076	ECA1EM471	E 470UF, 25V	1	
C3207	ECA1AM102	E 1000UF, 10V	1	
C3214	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3216	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3226-28	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3229	ECJ2FF1A106Z	C 0.001UF, Z, 10V	1	
C3230	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3231	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3233	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3241	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3262	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C3268	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3305	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3330	ECA1CM470	E 47UF, 16V	1	
C3331	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C3332	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3334	ECEA1CN470U	E 47UF, 16V	1	
C3335	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3336	ECEA1CN470U	E 47UF, 16V	1	
C3337	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3338	ECEA1CN470U	E 47UF, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3339	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3340-42	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3701	ECJ2XC1H561K	C 560PF, K, 50V	1	
C3703	ECJ2XC1H561K	C 560PF, K, 50V	1	
C3711,12	ECJ2VF1H333Z	C 0.033UF, Z, 50V	2	
C3750,51	ECJ2XC1H102K	C 1000PF, K, 50V	2	
C4003-08	F1J0J1060004	C 0.010UF, K, 16V	6	
C4009	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C4014,15	F1J0J1060004	C 0.010UF, K, 16V	2	
C4023	F1J0J1060004	C 0.010UF, K, 16V	1	
C4026	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4027	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4028	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4112	F1J0J1060004	C 0.010UF, K, 16V	1	
C4117	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4142	F1H1C104A065	C 0.1UF, K, 16V	1	
C4144-46	ECJ1XC1H050C	C 5PF, C, 50V	3	
C4148-51	ECJ1VB0J475K	C 4.7UF, K, 6.3V	4	
C4152,53	F1J0J1060004	C 0.010UF, K, 16V	2	
C4157	F1J0J1060004	C 0.010UF, K, 16V	1	
C4158	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4159	F1H1C104A065	C 0.1UF, K, 16V	1	
C4160	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4161,62	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4165	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4168	ECJ1XC1H680J	C 68PF, J, 50V	1	
C4169	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4171	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4172,73	F1H1C104A065	C 0.1UF, K, 16V	2	
C4174	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4175	F1H1C104A065	C 0.1UF, K, 16V	1	
C4176	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4177	ECJ2FB1C684K	C 68UF, Z, 16V	1	
C4178	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C4180	F1H1C104A065	C 0.1UF, K, 16V	1	
C4181	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4182	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4185,86	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C4187	F2G0J470A019	E 47UF 6.3V	1	
C4188	F1J0J1060004	C 0.010UF, K, 16V	1	
C4189-92	ECJ0EB1A104K	C 0.1UF, K, 10V	4	
C4193	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4194-97	F1H1C104A065	C 0.1UF, K, 16V	4	
C4198	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4199	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4200	F2G0J470A019	E 47UF 6.3V	1	
C4201	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4204	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4205,06	F1H1C104A065	C 0.1UF, K, 16V	2	
C4208,09	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4211	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4212	EEEHB0G221P	C 220PF, J, 4V	1	
C4213	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4214	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4215	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4216	F2G0J470A019	E 47UF 6.3V	1	
C4217	F1H1C104A065	C 0.1UF, K, 16V	1	
C4218	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4219	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4220	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4224	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4225	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4226	ECJ1XC1H680J	C 68PF, J, 50V	1	
C4227	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C4228	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4229	F1H1C104A065	C 0.1UF, K, 16V	1	
C4230-34	ECJ0EB1A104K	C 0.1UF, K, 10V	5	
C4235	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4236-42	ECJ0EB1A104K	C 0.1UF, K, 10V	7	
C4243,44	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4245,46	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4248	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4250,51	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4252	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4253	F2G0J470A019	E 47UF 6.3V	1	
C4255	ECJ1VB1H562K	C 5600PF, K, 50V	1	
C4256	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4257	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C4258	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4259	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4261-65	ECJ0EB1A104K	C 0.1UF, K, 10V	5	
C4266	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4267,68	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4269	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4270	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4272	F2G0J470A019	E 47UF 6.3V	1	
C4273-75	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4276	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4277	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C4281-84	ECJ0EB1A104K	C 0.1UF, K, 10V	4	
C4287,88	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4289,90	EEEHB0J330R	C 33PF, J, 6.3V	2	
C4291,92	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4296	F1J0J1060004	C 0.010UF, K, 16V	1	
C4297	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4298-06	ECJ1VB1A105K	C 0.01UF, Z, 50V	9	
C4307-09	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4310	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4311	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4312	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4313,14	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4315	F1J0J1060004	C 0.010UF, K, 16V	1	
C4316-18	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4320-22	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4325	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4327	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4329,30	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4331	F1J0J1060004	C 0.010UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4332	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4333-38	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C4339	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4340	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4341	EEEHB1C470P	C 47PF, J, 16V	1	
C4342	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4343	EEEHB1C100R	C 10PF, J, 16V	1	
C4344,45	F1J0J1060004	C 0.010UF, K, 16V	2	
C4346	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4347	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4348	EEEHB1C470P	C 47PF, J, 16V	1	
C4349	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4350,51	ECJ1XC1H181J	C 180PF, J, 50V	2	
C4352,53	ECJ1XC1H330J	C 33PF, J, 50V	2	
C4354	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4360	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4362	F1J0J1060004	C 0.010UF, K, 16V	1	
C4363,64	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4365	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4366	F2G0J470A019	E 47UF 6.3V	1	
C4367	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4371	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4372	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4373	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4374	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4375,76	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4377	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4379	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4380	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4381,82	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4383	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4384	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4385	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4386	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4387	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4388	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4389	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4390	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4391	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4392	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4393,94	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4395	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4396	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4397,98	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4399,00	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4401	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4402,03	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4404	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4405	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4406	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4407,08	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4409	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4410	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4411,12	ECJ0EB1A104K	C 0.1UF, K, 10V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4413,14	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4415	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4417	F2G0J470A019	E 47UF 6.3V	1	
C4418,19	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4420,21	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4422-24	ECJ0EB1H102K	C 1000PF, K, 50V	3	
C4425,26	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4427	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4428	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4429,30	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4434	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4435	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4436-39	ECJ0EB1H102K	C 1000PF, K, 50V	4	
C4440	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4441,42	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4447	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4448	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4451	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4452	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4453,54	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4455	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4456	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4457,58	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4459	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4460	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4461	ECJ1XC1H820J	C 82PF, J, 50V	1	
C4462	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4464	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4465	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4466	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4467	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4470	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4474	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4475,76	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4477	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4478	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4479-81	ECJ0EB1H102K	C 1000PF, K, 50V	3	
C4482	ECJ1XC1H180J	C 18PF, J, 50V	1	
C4483	ECJ1XC1H150J	C 15PF, J, 50V	1	
C4493	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4494	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4496	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4497	EEEHB0G101R	C 100PF, J, 4V	1	
C4498	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4499	EEFCD0G560ER	56UF,	1	
C4501	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4502	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4503	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4504	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4505	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4506	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4507	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4508	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4509-11	ECJ0EB1A104K	C 0.1UF, K, 10V	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4512	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4513	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4514	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4515,16	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4517	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4518	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4519	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4520	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4521	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4522	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4523	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4524	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4525	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4526	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4527	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4528	F2G0J470A019	E 47UF 6.3V	1	
C4529	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4530,31	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4532,33	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4534	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4535	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4536	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4537	EEEHB0G101R	C 100PF, J, 4V	1	
C4538	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4539	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4540	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4541	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4543	F1H1C104A065	C 0.1UF, K, 16V	1	
C4544	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C5604	ECA1HHG100	E 10UF, 50V	1	
C5605	EEUFC1E471	E 470UF, 25V	1	
C5606	ECA1CM471	E 470UF, 16V	1	
C5609	ECA1HM220	E 22UF, 50V	1	
C5611	F2A1H331A257	E 330UF, 50V	1	
C5612	ECA1CM471	E 470UF, 16V	1	
C5613	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5616	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5617	ECA1CM471	E 470UF, 16V	1	
C5618,19	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C5622	ECA1CM471	E 470UF, 16V	1	
C5623	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5626	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5633	ECA1EM221	E 220UF, 25V	1	
C5637	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5641-44	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C5645	ECA1CHG470	E 47UF, 16V	1	
C5646	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C5647	ECA1CHG470	E 47UF, 16V	1	
C5648	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C5670	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5672	ECA1HHG100	E 10UF, 50V	1	
C5673	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5685	ECA1HHG100	E 10UF, 50V	1	
C5686	ECJ2XB1H103K	C 0.01UF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C5801,02	EEUFC1E471	E 470UF, 25V	2	
C5804	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5805	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C5809	ECJ3XF1E105Z	C 1UF, Z, 25V	1	
C5810	ECA1EHG470	E 47UF, 25V	1	
C6001	F1L2J332A022	C 3300UF, K,6.3V	1	
C6002	F1L2J222A022	C 2200UF, K,6.3V	1	
C6011-15	F2A2T201A001	E 200UF,	5	
C6021,22	F1L2J272A022	C 2700UF, K,6.3V	2	
C6031	ECQE2255JF	P 2.5UF, K,250V	1	
C6041-44	TCUY1C105ZFN	C 1UF, 16V	4	
C6091	F1L2J1020001	C 1000UF, K,6.3V	1	
C6111,12	F2A2D221A022	E 220UF, 200V	2	
C6132	F1L1E4750004	C 4.7UF, 25V	1	
C6134,35	F1L1E4750004	C 4.7UF, 25V	2	
C6151	F1K1E1050001	C 1UF, Z, 25V	1	
C6152-55	F1L1E4750004	C 4.7UF, 25V	4	
C6192	F1K1E1050001	C 1UF, Z, 25V	1	
C6194,95	F1L1E4750004	C 4.7UF, 25V	2	
C6201,02	F0C2E405A176	E 0.040UF, 250V	2	
C6211,12	F1L1E4750004	C 4.7UF, 25V	2	
C6213,14	ECA1EM471	E 470UF, 25V	2	
C6221	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6241	ECA1EM471	E 470UF, 25V	1	
C6242	TCUY1C105ZFN	C 1UF, 16V	1	
C6243	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6251	TCUY1C105ZFN	C 1UF, 16V	1	
C6261,62	ECA2CM101	E 100UF, 160V	2	
C6271	F1K1E1050001	C 1UF, Z, 25V	1	
C6272,73	EEUFC1E221	E 220UF, 25V	2	
C6401	F1L2J332A022	C 3300UF, K,6.3V	1	
C6402	F1L2J222A022	C 2200UF, K,6.3V	1	
C6411-15	F2A2T201A001	E 200UF,	5	
C6421,22	F1L2J272A022	C 2700UF, K,6.3V	2	
C6431	F0C2E405A176	E 0.040UF, 250V	1	
C6472	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6480	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6502	F1L1E4750004	C 4.7UF, 25V	1	
C6504,05	F1L1E4750004	C 4.7UF, 25V	2	
C6511,12	F0C2E405A176	E 0.040UF, 250V	2	
C6521	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6522	F1L1E4750004	C 4.7UF, 25V	1	
C6524,25	F1L1E4750004	C 4.7UF, 25V	2	
C6527	F1L1E4750004	C 4.7UF, 25V	1	
C6561	F2A1A1010074	E 100UF, 10V	1	
C6563	F2A1A1010074	E 100UF, 10V	1	
C6565,66	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C6581	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6582	TCUY1C105ZFN	C 1UF, 16V	1	
C6591	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6592	ECA1EM471	E 470UF, 25V	1	
C6593	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6601,02	F1L1E4750004	C 4.7UF, 25V	2	
C6603	F1K2J102A014	C 1000UF, K,6.3V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6604	F2A2V470A020	E 47UF, 350V	1	
C6605	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6606	F1K2J102A014	C 1000UF, K,6.3V	1	
C6610	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6611	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6612	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6620	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6641	ECQE2224KF	P 2.2UF, K,250V	1	
C6661,62	F1K2J102A014	C 1000UF, K,6.3V	2	
C6671	F1L1E4750004	C 4.7UF, 25V	1	
C6681,82	F1L1E4750004	C 4.7UF, 25V	2	
C6683	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6691	ECA2CM101	E 100UF, 160V	1	
C6701-08	ECJ2XB1H104K	C 0.1UF, K, 50V	8	
C6721	ECA1HM101	E 100UF, 50V	1	
C6723-25	F1L1E4750004	C 4.7UF, 25V	3	
C6726,27	TCUY1C105ZFN	C 1UF, 16V	2	
C6728	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6752	TCUY1C105ZFN	C 1UF, 16V	1	
C6753	F1L1E4750004	C 4.7UF, 25V	1	
C6754	ECA1VM470	E 47UF, 35V	1	
C6755	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6771	TCUY1C105ZFN	C 1UF, 16V	1	
C6772,73	F1L1E4750004	C 4.7UF, 25V	2	
C6775	F1L1E4750004	C 4.7UF, 25V	1	
C6776,77	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C6791	EEUFC1E221	E 220UF, 25V	1	
C6795,96	EEUFC1E221	E 220UF, 25V	2	
C6802	EEUFC1E221	E 220UF, 25V	1	
C6803	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6804	F2A2E100A022	E 10UF, 250V	1	
C6805	TCUY1C105ZFN	C 1UF, 16V	1	
C6806,07	ECA2CM101	E 100UF, 160V	2	
C6811	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6812	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6822	F2A2V100A019	E 10UF, 350V	1	
C6823	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6841,42	ECA2CM101	E 100UF, 160V	2	
C6845	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6861	TCUY1C105ZFN	C 1UF, 16V	1	
C6862	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6863	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6871	TCUY1C105ZFN	C 1UF, 16V	1	
C6872	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6873	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6901	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6902	TCUY1C105ZFN	C 1UF, 16V	1	
C6904	TCUY1C105ZFN	C 1UF, 16V	1	
C6906	TCUY1C105ZFN	C 1UF, 16V	1	
C6908	TCUY1C105ZFN	C 1UF, 16V	1	
C6910	TCUY1C105ZFN	C 1UF, 16V	1	
C6912	TCUY1C105ZFN	C 1UF, 16V	1	
C6914-18	ECJ2XB1H221K	C 220PF, K, 50V	5	
C6931	ECJ2XB1H102K	C 1000PF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6932-35	**F1L2E105A013**	**E 0.10UF, 25V**	**4**	
C6951	**ECJ2XB1H102K**	**C 1000PF, K, 50V**	**1**	
C6952	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C6955	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C6957,58	**TCUY1C105ZFN**	**C 1UF, 16V**	**2**	
C6961	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C6963	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C6964-68	**ECJ2XB1H221K**	**C 220PF, K, 50V**	**5**	
C6981	**ECJ2XB1H102K**	**C 1000PF, K, 50V**	**1**	
C6982-85	**F1L2E105A013**	**E 0.10UF, 25V**	**4**	
C7108	**ECJ3XB2A474K**	**C 0.47UF, 6.3V**	**1**	
C7110	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C7111,12	**ECJ3XB2A474K**	**C 0.47UF, 6.3V**	**2**	
C7114	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C7115	**ECJ3XB2A474K**	**C 0.47UF, 6.3V**	**1**	
C7116	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C7117	**ECJ1XC1H101J**	**C 100PF, J, 50V**	**1**	
C7119	**ECJ3XB2A474K**	**C 0.47UF, 6.3V**	**1**	
C7121	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C7122	**ECJ3XB2A474K**	**C 0.47UF, 6.3V**	**1**	
C7123	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C7124	**ECJ1XC1H101J**	**C 100PF, J, 50V**	**1**	
C7126	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C7127	**ECJ1XC1H101J**	**C 100PF, J, 50V**	**1**	
C7130	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C7134	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C7137,38	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**2**	
C7140	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C7141	**ECJ1XC1H101J**	**C 100PF, J, 50V**	**1**	
C7143	**ECJ3XB2A474K**	**C 0.47UF, 6.3V**	**1**	
C7145	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C7146	**ECJ3XB2A474K**	**C 0.47UF, 6.3V**	**1**	
C7148	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C7201	**ECJ3XB2A474K**	**C 0.47UF, 6.3V**	**1**	
C7203	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C7204,05	**ECJ3XB2A474K**	**C 0.47UF, 6.3V**	**2**	
C7207	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C7208	**ECJ3XB2A474K**	**C 0.47UF, 6.3V**	**1**	
C7209	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C7210	**ECJ1XC1H101J**	**C 100PF, J, 50V**	**1**	
C7212	**ECJ3XB2A474K**	**C 0.47UF, 6.3V**	**1**	
C7214	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C7215	**ECJ3XB2A474K**	**C 0.47UF, 6.3V**	**1**	
C7216	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C7217	**ECJ1XC1H101J**	**C 100PF, J, 50V**	**1**	
C7219	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C7220	**ECJ1XC1H101J**	**C 100PF, J, 50V**	**1**	
C7223	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C7225	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C7227	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C7229	**ECJ1XB1C104K**	**C 0.1UF, Z, 16V**	**1**	
C7235	**TCUY1C105ZFN**	**C 1UF, 16V**	**1**	
C7236	**ECJ1XC1H101J**	**C 100PF, J, 50V**	**1**	
C7238	**ECJ3XB2A474K**	**C 0.47UF, 6.3V**	**1**	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7240	TCUY1C105ZFN	C 1UF, 16V	1	
C7241	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7244	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7701	ECJ1XC1H330J	C 33PF, J, 50V	1	
C7702	EEEHB0G470R	C 47PF, J, 4V	1	
C7703,04	ECJ1XC1H330J	C 33PF, J, 50V	2	
C7705	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7707	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7708	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C7709	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7711	ECJ1XC1H330J	C 33PF, J, 50V	1	
C7721,22	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C7723	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7751	EEVHB0G221P	E 220UF, 4V	1	
C7755	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7756	ECJ2FB1A105K	C 1UF, K, 10V	1	
C7758	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7760	ECJ2FB1A105K	C 1UF, K, 10V	1	
C7761-64	ECJ1XC1H330J	C 33PF, J, 50V	4	
C8001	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8002	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8003	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8004	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8005	EEEHB1C100R	C 10PF, J, 16V	1	TH-42PX600B
C8007	ECJ0EB1H102K	C 1000PF, K, 50V	1	TH-42PX600B
C8015	ECJ1VC1H080C	C 8PF, C, 50V	1	TH-42PX600B
C8019,20	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-42PX600B
C8021	ECJ0EB1H102K	C 1000PF, K, 50V	1	TH-42PX600B
C8030	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8034,35	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-42PX600B
C8037	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8039,40	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-42PX600B
C8041	EEEHB0G101R	C 100PF, J, 4V	1	TH-42PX600B
C8042,43	ECJ1VC1H100C	C 10PF, C, 50V	2	TH-42PX600B
C8046-48	ECJ0EB1C103K	C0.010UF, K, 16V	3	TH-42PX600B
C8051,52	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-42PX600B
C8055	F2G0J470A019	E 47UF 6.3V	1	TH-42PX600B
C8056	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8058-61	ECJ0EB1C103K	C0.010UF, K, 16V	4	TH-42PX600B
C8062	F1G1A1540001	C 0.15UF, K, 10V	1	TH-42PX600B PAVCCZ
C8071	ECJ0EC1H270J	C 270PF, K, 50V	1	TH-42PX600B
C8073	ECJ0EC1H270J	C 270PF, K, 50V	1	TH-42PX600B
C8098	ECGRL0G680ER	C 68PF, J, 4V	1	TH-42PX600B
C8099,00	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-42PX600B
C8101,02	ECJ1VB0J105K	C 1UF, K, 6.3V	2	TH-42PX600B
C8103,04	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-42PX600B
C8105	EEEHB0G101R	C 100PF, J, 4V	1	TH-42PX600B
C8106,07	ECJ1VB0J105K	C 1UF, K, 6.3V	2	TH-42PX600B
C8108	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8109	EEEHB0G101R	C 100PF, J, 4V	1	TH-42PX600B
C8110	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8121	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8128,29	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-42PX600B
C8134	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C8135	ECJ0EB1A473K	C 0.047UF, K, 10V	1	TH-42PX600B
C8136	ECGRL0G680ER	C 68PF, J, 4V	1	TH-42PX600B
C8138	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8139	ECGRL0G680ER	C 68PF, J, 4V	1	TH-42PX600B
C8140	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8141	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8142	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8143	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8144	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8145	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8146	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8147	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8148	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8149	ECJ1VB0J105K	C 1UF, K, 6.3V	1	TH-42PX600B
C8150	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8151	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8154-56	ECJ0EB1A104K	C 0.1UF, K, 10V	3	TH-42PX600B
C8157	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8160	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8161-64	ECJ0EB1C103K	C0.010UF, K, 16V	4	TH-42PX600B
C8165	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8166	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8167	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8168	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8169	EEEHB0G470R	C 47PF, J, 4V	1	TH-42PX600B
C8170	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX600B
C8171	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8172	EEEHB0G470R	C 47PF, J, 4V	1	TH-42PX600B
C8173-75	ECJ0EB1C103K	C0.010UF, K, 16V	3	TH-42PX600B
C8176	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX600B
C8182	ECJ0EC1H121J	C 120PF, K, 50V	1	TH-42PX600B
C8186	ECJ0EC1H680J	C 680PF, K, 50V	1	TH-42PX600B
C8189	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX600B
C8193	EEEHB0J101P	C 100PF, J, 6.3V	1	TH-42PX600B
C8202,03	EEEHB1C470P	C 47PF, J, 16V	2	TH-42PX600B
C8204	ECJ3XB1C106M	C 1.0UF, K, 16V	1	TH-42PX600B
C8205,06	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-42PX600B
C8207	EEEHB1C470P	C 47PF, J, 16V	1	TH-42PX600B
C8208	ECJ3XB1C106M	C 1.0UF, K, 16V	1	TH-42PX600B
C8210	ECJ0EB1A333K	C 0.033UF, K, 10V	1	TH-42PX600B
C8212	ECJ0EB1C223K	C 0.022UF, K, 16V	1	TH-42PX600B
C8240	ECJ1VB0J105K	C 1UF, K, 6.3V	1	TH-42PX600B
C8268	ECJ1VB0J105K	C 1UF, K, 6.3V	1	TH-42PX600B
C8269	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8303	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8305,06	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-42PX600B
C8314	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX600B
C8315	ECJ2FF1A475Z	C 4.7UF, Z, 10V	1	TH-42PX600B
C8317,18	ECJ2FF1A475Z	C 4.7UF, Z, 10V	2	TH-42PX600B
C8319	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX600B
C8320-23	ECJ1VB0J105K	C 1UF, K, 6.3V	4	TH-42PX600B
C8327	F2G0J470A019	E 47UF 6.3V	1	TH-42PX600B
C8329	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8330,31	ECJ0EC1H181J	C 180PF, K, 50V	2	TH-42PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C8332	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8334,35	ECJ0EC1H330J	C 330PF, K, 50V	2	TH-42PX600B
C8340	ECJ0EB1C682K	C 6800UF, K, 16V	1	TH-42PX600B
C8341	ECJ0EB1C822K	C 8200UF, K, 16V	1	TH-42PX600B
C8342,43	ECGRL0G680ER	C 68PF, J, 4V	2	TH-42PX600B
C8344	ECJ1VB1H332K	C 3300PF, K, 50V	1	TH-42PX600B
C8345	ECJ0EB1C153K	C 0.015UF, K, 16V	1	TH-42PX600B
C8349	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8350,51	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-42PX600B
C8361	EEEHB1C470P	C 47PF, J, 16V	1	TH-42PX600B
C8372	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8376	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8397	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8401	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8403,04	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-42PX600B
C8406	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX600B
C8409	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX600B
C8410	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8413,14	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-42PX600B
C8416,17	ECJ0EF1C104Z	C 0.10UF, Z, 16V	2	TH-42PX600B
C8419	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX600B
C8421	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8423	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8424	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX600B
C8425	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PX600B
C8427	F2G1A101A019	E 100UF, 10V	1	TH-42PX600B
C8428	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	TH-42PX600B
C8430-32	ECJ0EF1C104Z	C 0.10UF, Z, 16V	3	TH-42PX600B
C8433,34	ECJ0EB1C103K	C0.010UF, K, 16V	2	TH-42PX600B
C8467	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C8501,02	ECJ0EC1H180J	C 180PF, K, 50V	2	TH-42PX600B
C8504	ECJ1VF1A105Z	C 1UF, Z, 10V	1	TH-42PX600B
C8506	ECJ2VF1C105Z	C 1UF, Z, 16V	1	TH-42PX600B
C8507	ECJ1XC1H102J	C 1000PF, J, 50V	1	TH-42PX600B
C8508	ECJ1XF1C334Z	C 0.33UF, Z, 16V	1	TH-42PX600B
C8509	EEEHB0J101P	C 100PF, J, 6.3V	1	TH-42PX600B
C8870	ECJ1XC1H471J	C 470PF, J, 50V	1	TH-42PX600B
C8872	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	TH-42PX600B
C8910	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PX600B
C9028,29	F1J0J1060004	C 0.010UF, K, 16V	2	
C9033,34	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9035,36	F1J0J1060004	C 0.010UF, K, 16V	2	
C9037	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C9039	F1J0J1060004	C 0.010UF, K, 16V	1	
C9040	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9044-53	ECJ1XF1C104Z	C 0.1UF, Z, 16V	10	
C9055-57	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9058	F1J0J1060004	C 0.010UF, K, 16V	1	
C9467,68	ECJ1VF1H103Z	C 0.010UF, Z, 50V	2	
C9469	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9500-06	ECJ1XB1C104K	C 0.1UF, Z, 16V	7	
C9508	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9509	ECJ1VC1H200J	C 20PF, C, 50V	1	
C9510	ECJ1XC1H150J	C 15PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9511	F1J0J1060004	C 0.010UF, K, 16V	1	
C9512	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9514,15	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9516-25	ECJ1XB1C104K	C 0.1UF, Z, 16V	10	
C9526	F1J0J1060004	C 0.010UF, K, 16V	1	
C9527-30	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C9531	F1J0J1060004	C 0.010UF, K, 16V	1	
C9800	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9801	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C9802	ECJ1XC1H470J	C 47PF, J, 50V	1	
C9803	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C9804	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9805	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9806	ECGRL0G680ER	C 68PF, J, 4V	1	
C9807,08	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9809	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9815,16	ECGRL0G680ER	C 68PF, J, 4V	2	
C9817,18	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9822	F1J0J1060004	C 0.010UF, K, 16V	1	
C9823,24	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9825	ECJ1XC1H101K	C 100PF, K, 50V	1	
C9826	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9827	F1J0J1060004	C 0.010UF, K, 16V	1	
C9830-32	ECJ3XB1C106M	C 1.0UF, K, 16V	3	
C9833	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C9837	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C9838	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9839	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C9840	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9841,42	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9843	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9844	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9845,46	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9847,48	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C9880,81	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C9882	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9883	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9884	ECJ1VC1H100C	C 10PF, C, 50V	1	
C9885	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9886	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9887	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9891	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9896	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9897	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9898	ECJ1VC1H100C	C 10PF, C, 50V	1	
C9899	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9900-51	ECJ1XB1C104K	C 0.1UF, Z, 16V	52	
C9952-54	EEFCD0G560ER	56UF,	3	
C9955-59	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C9960-64	ECJ3XB0J106M	C 10UF, M,6.3V	5	
C9965	EEFCD0G560ER	56UF,	1	
C9966	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9967	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9971	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
CB1-B8	K1MN68BA0002	68P CONNECTOR	8	
D3	K1KY40B00003	40P CONNECTOR	1	
D5	K1KB31BA0064	31P CONNECTOR	1	
D6	K1KA21A00011	21P CONNECTOR	1	
D20	K1KA20BA0296	20P CONNECTOR	1	
D25	K1KA20B00155	20P CONNECTOR	1	
D31,32	K1MN55BA0094	55P CONNECTOR	2	
D1106,07	MA729	DIODE	2	
D1117	MA3036L	ZENER DIODE	1	
D1119	MA704A	DIODE	1	
D1121	MA729	DIODE	1	
D2011-14	MA111	DIODE	4	
D2119	B0BC01100001	ZENER DIODE	1	
D2300,01	MA111	DIODE	2	
D2303,04	MA111	DIODE	2	
D2308	MA152	DIODE	1	
D2309	MA111	DIODE	1	
D2510,11	MA8056-M	ZENER DIODE	2	
D2512	MA8043LTX	ZENER DIODE	1	
D2520B	LN1271RALTR	LED	1	
D2524	MA8056-M	ZENER DIODE	1	
D2525B	LN1471YTR	LED	1	TH-42PX600B
D2526	MA8056-M	ZENER DIODE	1	TH-42PX600B
D3002-12	MA8140M	ZENER DIODE	11	
D3015,16	MA8140M	ZENER DIODE	2	
D3021-23	MA111	DIODE	3	
D3024	B0BC01100001	ZENER DIODE	1	
D3025	MA8140M	ZENER DIODE	1	
D3027,28	MA8140M	ZENER DIODE	2	
D3030-32	MA8140M	ZENER DIODE	3	
D3038-43	MA8140M	ZENER DIODE	6	
D3044	MA111	DIODE	1	
D3100	MA8140M	ZENER DIODE	1	
D3334-39	MA111	DIODE	6	
D3702	MA8140M	ZENER DIODE	1	
D4019-38	EZJZ0V80008B	VARISTOR	20	
D4041	EZJZ0V80008B	VARISTOR	1	
D4044,45	EZJZ0V80008B	VARISTOR	2	
D4047,48	MA3056M	ZENER DIODE	2	
D4049-52	B0HCMM000014	DIODE	4	
D5606	B0BC01100001	ZENER DIODE	1	
D5607	B0BC6R600005	ZENER DIODE	1	
D5610	B0BC4R700007	ZENER DIODE	1	(PA)
D5610	MA3X78900L	ZENER DIODE	1	(H)
D5612	B0BC3R700006	ZENER DIODE	1	
D5618	B0BC03900015	ZENER DIODE	1	
D5634	MA111	DIODE	1	
D5635	MA3047H	ZENER DIODE	1	
D5637,38	MA152	DIODE	2	
D5639	MA3047H	ZENER DIODE	1	
D5640	MA3039H	ZENER DIODE	1	
D5641	MA152	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D5642	MA3120M	ZENER DIODE	1	
D5643	MA152	DIODE	1	
D5644	MA3068M	ZENER DIODE	1	
D5646,47	MA152	DIODE	2	
D5649	MA111	DIODE	1	
D5801	B0JCME000037	DIODE	1	
D5804	MA3120M	ZENER DIODE	1	
D5805,06	MA152	DIODE	2	
D6001	B0HBSN000008	DIODE	1	
D6021	B0HBSN000008	DIODE	1	
D6032	MA111	DIODE	1	
D6041	B0ECHP000003	DIODE	1	
D6051	B0ECHP000003	DIODE	1	
D6061,62	B0HBSN000008	DIODE	2	
D6071,72	B0HBSN000008	DIODE	2	
D6081,82	B0HBSN000008	DIODE	2	
D6091	B0HBSN000008	DIODE	1	
D6092	B0ECHP000003	DIODE	1	
D6101-04	B0JCME000037	DIODE	4	
D6131,32	B0ECHP000003	DIODE	2	
D6151-54	B0ECHP000003	DIODE	4	
D6191-93	B0ECHP000003	DIODE	3	
D6211	B0JCME000037	DIODE	1	
D6221	B0ECHP000003	DIODE	1	
D6222,23	MA111	DIODE	2	
D6251,52	MA8330M	ZENER DIODE	2	
D6253	LNJ301MPUJA	LED	1	
D6254	MA8051L	ZENER DIODE	1	
D6255	MA111	DIODE	1	
D6401,02	B0HBSN000008	DIODE	2	
D6431,32	B0HBSP000019	DIODE	2	
D6441	B0ECHP000003	DIODE	1	
D6451	B0ECHP000003	DIODE	1	
D6461,62	B0HBSN000008	DIODE	2	
D6466	MA111	DIODE	1	
D6471	B0HBSN000008	DIODE	1	
D6472	B0ECHP000003	DIODE	1	
D6477	MA111	DIODE	1	
D6478	B0HCKS000002	DIODE	1	
D6480	MA111	DIODE	1	
D6481,82	B0HBSN000008	DIODE	2	
D6491	B0HBSP000019	DIODE	1	
D6497	MA111	DIODE	1	
D6501,02	B0ECHP000003	DIODE	2	
D6521-24	B0ECHP000003	DIODE	4	
D6581,82	MA8330M	ZENER DIODE	2	
D6583	LNJ301MPUJA	LED	1	
D6584	MA8051L	ZENER DIODE	1	
D6585	MA111	DIODE	1	
D6601	MA8240M	ZENER DIODE	1	
D6602	B0ECHP000003	DIODE	1	
D6603	MA8240M	ZENER DIODE	1	
D6604	MA111	DIODE	1	
D6605	MA8051L	ZENER DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6606	B0HCMM000014	DIODE	1	
D6607	MA111	DIODE	1	
D6610	MAZ81500ML	ZENER DIODE	1	
D6611-14	MA111	DIODE	4	
D6619,20	B0HCKS000002	DIODE	2	
D6621	B0HDSM000005	DIODE	1	
D6623,24	B0HDSM000005	DIODE	2	
D6641,42	B0HCKS000002	DIODE	2	
D6643	MA111	DIODE	1	
D6644	B0HCKS000002	DIODE	1	
D6661	MA111	DIODE	1	
D6662-64	MA8330M	ZENER DIODE	3	
D6665	MA8051L	ZENER DIODE	1	
D6666,67	MA111	DIODE	2	
D6671	MA111	DIODE	1	
D6682	B0HCMM000014	DIODE	1	
D6683,84	MA111	DIODE	2	
D6686,87	MA111	DIODE	2	
D6701,02	MA8056H	ZENER DIODE	2	
D6721	B0HCKS000002	DIODE	1	
D6723,24	B0JCME000037	DIODE	2	
D6725	B0ECHP000003	DIODE	1	
D6726-33	MA8056H	ZENER DIODE	8	
D6734	MA111	DIODE	1	
D6752	B0JCME000037	DIODE	1	
D6758	B0ECHP000003	DIODE	1	
D6760,61	MA111	DIODE	2	
D6771	B0JCME000037	DIODE	1	
D6773	B0HCKS000002	DIODE	1	
D6791	MA8200M	ZENER DIODE	1	
D6801,02	B0JCME000037	DIODE	2	
D6803	MA111	DIODE	1	
D6804	B0ECHP000003	DIODE	1	
D6805	MA111	DIODE	1	
D6806	B0ECHP000003	DIODE	1	
D6820-23	MA111	DIODE	4	
D6825	MA8330M	ZENER DIODE	1	
D6826	MA111	DIODE	1	
D6841	B0ECHP000003	DIODE	1	
D6842,43	MA111	DIODE	2	MA2J111
D6859	B0ECHP000003	DIODE	1	
D6860	B0HCKS000002	DIODE	1	
D6861	MA8051L	ZENER DIODE	1	
D6862	MA111	DIODE	1	
D6871	MA8051L	ZENER DIODE	1	
D6872	MA111	DIODE	1	
D6901,02	MA8056H	ZENER DIODE	2	
D6903,04	B0ECHP000003	DIODE	2	
D6951,52	MA8056H	ZENER DIODE	2	
D6953,54	B0ECHP000003	DIODE	2	
D7752	B3AEB0000065	DIODE	1	
D8002	MA728	DIODE	1	TH-42PX600B
D8203,04	B0JCPE000004	DIODE	2	TH-42PX600B
D8501	B0CCAB000039	DIODE	1	TH-42PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D9017-19	MA3033	ZENER DIODE	3	
D9020	MA728	DIODE	1	
D9100-03	B0JCGD000002	DIODE	4	
D9105,06	B0JCGD000002	DIODE	2	
D9110	B0JCGD000002	DIODE	1	
D9300,01	MA152K	DIODE	2	
D9800	B0JCME000037	DIODE	1	
D9801	B0JCDD000002	DIODE	1	
D9802	MA728	DIODE	1	
D9804	MA152K	DIODE	1	
D9807,08	MA152K	DIODE	2	
D9811	MA728	DIODE	1	
D9812	B0JCME000037	DIODE	1	
D9813	B0JCDD000002	DIODE	1	
D9814	B0JCME000037	DIODE	1	
D9815	B0JCDD000002	DIODE	1	
DG1	K1KY80A00011	80P CONNECTOR	1	
DG2	K1KA15B00074	15P CONNECTOR	1	
DG3	K1KY40B00003	40P CONNECTOR	1	
DG5	K1KB21BA0063	21P CONNECTOR	1	
DG8,G9	K1FY119D0001	CONNECTOR	2	
DG15	K1KY40B00003	40P CONNECTOR	1	
DG20	K1MN40B00045	40P CONNECTOR	1	
DG22	K1KBB0A00009	CONNECTOR	1	TH-42PX600B
DG35	K1KA07BA0047	7P CONNECTOR	1	
FL3301,02	J0HABB000003	LC FILTER	2	
FL3303-05	J0HABB000004	LC FILTER	3	
FL4010,11	J0HABH000012	LC FILTER	2	TH-42PX600B
FL4015	J0HABH000012	LC FILTER	1	TH-42PX600B
FL7101	J0HABH000013	LC FILTER	1	
FL7201	J0HABH000013	LC FILTER	1	
FL9300,01	F1J1E1040022	C 0.10UF, Z, 25V	2	
FL9800,01	J0HABH000013	LC FILTER	2	
FL9803,04	J0HABH000012	LC FILTER	2	
FL9805-07	J0HABH000013	LC FILTER	3	
FL9900-02	F1J1E1040022	C 0.10UF, Z, 25V	3	
FL9903,04	J0HABH000013	LC FILTER	2	
G1	K1KA12A00317	12P CONNECTOR	1	
G3	K1KA03BA0047	3P CONNECTOR	1	
G51	K1KA30AA0009	30P CONNECTOR	1	
GK3	K1KA03BA0061	3P CONNECTOR	1	
GS12	K1MN40A00025	40P CONNECTOR	1	
GS52	K1KA20AA0009	20P CONNECTOR	1	
H1	K1KY80A00011	80P CONNECTOR	1	
H2	K1KA15A00148	15P CONNECTOR	1	
H5	K1KA15AA0288	15P CONNECTOR	1	
H6	K1KA09A00230	9P CONNECTOR	1	
H15	K1KA04AA0150	4P CONNECTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
H40	K1KA20AA0009	20P CONNECTOR	1	
H51	K1KA30AA0009	30P CONNECTOR	1	
H52	K1KA20AA0009	20P CONNECTOR	1	
HC01	K1KA21A00011	21P CONNECTOR	1	
HC12	K1KA09AA0190	9P CONNECTOR	1	
HC15	K1KY40B00003	40P CONNECTOR	1	
HC21	K1KA08AA0193	8P CONNECTOR	1	
HC22	K1KA11AA0194	11P CONNECTOR	1	
IC1100	C3ABPG000145	IC	1	
IC1101	TVRN990	IC	1	PAVCCZ
IC1102	TVRN751	IC	1	TH-42PV600E PAVCCZ
IC1102	TVRN757	IC	1	TH-42PX600B PAVCCZ
IC1103	MN103SB20RGL	IC	1	
IC1105,06	C0JBAS000128	IC	2	TH-42PX600B
IC1107	C0JBAS000128	IC	1	
IC1110	C0CBCAD00016	IC	1	
IC1111	C0EBY0000041	IC	1	
IC2103	AN77L08M	IC	1	
IC2104	C0ABBA000168	IC	1	
IC2105	AN15862A-VT	IC	1	
IC2106	C1AB00002469	IC	1	
IC2109	C1BB00000947	IC	1	
IC2110	AN7705SP	IC	1	
IC2300,01	C0ABBA000168	IC	2	
IC2302	C1AB00002451	IC	1	
IC2303	C1AB00002452	IC	1	
IC2304-07	C0ABBA000168	IC	4	
IC2511	B3L000000020	IC	1	
IC3005	AN15867A-VT	IC	1	
IC3301	C0JBAZ002205	IC	1	
IC4013	C0CBCBF00009	IC	1	
IC4014	C0CBCAC00282	IC	1	
IC4016	C0CBCAC00275	IC	1	
IC4017	C0CBCAC00282	IC	1	
IC4018	C0CBCAC00275	IC	1	
IC4019	C1AB00002456	IC	1	
IC4020	C1AB00002202	IC	1	
IC4022	TVRN916	IC	1	
IC4023	TVRN917	IC	1	
IC4025	C0FBBK000038	IC	1	
IC4026	C1AB00002535	IC	1	
IC4027	C0DBFFD00003	IC	1	
IC4028	C0ABBB000230	IC	1	
IC4029	C0CBCAC00282	IC	1	
IC4030	C0CBCBC00190	IC	1	
IC4032	C0DBGYY00052	IC	1	
IC4035	C0CBCAF00031	IC	1	
IC4036	C0JBAP000020	IC	1	
IC4037	MN84522-A	IC	1	
IC4038	C3ABQJ000048	IC	1	
IC4040	C0CBCAC00282	IC	1	
IC5601	N0BG2DE00001	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC5602	EHMDD9851	LINEAR IC	1	
IC5603	C0DBAJB00004	IC	1	
IC5604	C0DBZGC00067	IC	1	
IC5801	C0DBAZF00003	IC	1	
IC6131	C0ZBZ0000895	IC	1	
IC6151	C0ZBZ0001324	IC	1	
IC6191	C0ZBZ0000895	IC	1	
IC6211	C0ZBZ0001325	IC	1	
IC6221	C0DBEMB00005	IC	1	
IC6241	C0JBAZ000005	IC	1	
IC6251	NJM2903M	INTEGRATED CIRCUIT	1	
IC6471	C0DBEKA00003	IC	1	
IC6472	C0JBAA000377	IC	1	
IC6501	C0ZBZ0000895	IC	1	
IC6521	C0ZBZ0001324	IC	1	
IC6561,62	C0JBAZ000005	IC	2	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	
IC6601	C0ZBZ0001325	IC	1	
IC6602	C0JBAB000715	IC	1	
IC6610	NJM2903M	INTEGRATED CIRCUIT	1	
IC6671	C0ZBZ0001325	IC	1	
IC6681	C0ZBZ0001325	IC	1	
IC6682	C0JBAA000377	IC	1	
IC6721,22	C0JBAZ000994	IC	2	
IC6724,25	C0CBADC00089	IC	2	
IC6751	C0CBADC00089	IC	1	
IC6752	C0ZBZ0001325	IC	1	
IC6753	C0JBAB000715	IC	1	
IC6771	C0CBADC00089	IC	1	
IC6772	C0ZBZ0001325	IC	1	
IC6773,74	C0JBAA000377	IC	2	
IC6791	N0BF1FB00001	IC	1	
IC6801,02	C0DBEMB00005	IC	2	
IC6821	C0DBEMB00005	IC	1	
IC6841	C0DBEMB00005	IC	1	
IC6861	NJM2903M	INTEGRATED CIRCUIT	1	
IC6871	NJM2903M	INTEGRATED CIRCUIT	1	
IC6901-06	AN16072A-VT	IC	6	
IC6951-56	AN16072A-VT	IC	6	
IC7101-05	C0JBAZ001120	IC	5	
IC7201-05	C0JBAZ001120	IC	5	
IC7751	C0JBAZ000851	IC	1	
IC8003	STV0360CT	IC	1	TH-42PX600B PAVCCZ
IC8009	C3ABQG000095	IC	1	TH-42PX600B PAVCCZ
IC8013	MN2WS0025BEA	IC	1	TH-42PX600B PAVCCZ
IC8019	TVRN789	IC	1	TH-42PX600B PAVCCZ
IC8023,24	C0DBAMH00018	IC	2	TH-42PX600B
IC8029	C0FBBK000038	IC	1	TH-42PX600B
IC8031	BA15218FDX	IC	1	TH-42PX600B
IC8034	C0DBEHG00006	IC	1	TH-42PX600B
IC8042	C0EBM0000026	IC	1	TH-42PX600B
IC8213	C0JBAZ001137	IC	1	TH-42PX600B
IC8402	74LVC4245AD	IC	1	TH-42PX600B PAVCCZ
IC8404	C0JBAZ002691	IC	1	TH-42PX600B PAVCCZ

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC8405	C0ZBZ0001333	IC	1	TH-42PX600B PAVCCZ
IC8408-11	C0JBAZ002691	IC	4	TH-42PX600B PAVCCZ
IC8412	C0JBAZ001137	IC	1	TH-42PX600B
IC8501	74VHCU04MXNL	IC	1	TH-42PX600B PAVCCZ
IC8864	C0DBFFD00003	IC	1	TH-42PX600B
IC9001	TVRN808-1	IC	1	
IC9002	C0ZBZ0001330	IC	1	
IC9003	TVRN805-1	IC	1	PAVCCZ
IC9007	TVRN813	IC	1	
IC9011	C0EBF0000431	IC	1	
IC9200	C1ZBZ0003185	IC	1	
IC9303	TVRN819	IC	1	PAVCCZ
IC9500	C1ZBZ0002599	IC	1	
IC9502	PST9128NR	IC (LOGIC)	1	
IC9503,04	C0JBAZ001120	IC	2	
IC9800	C0DBAYY00054	IC	1	
IC9801	C0DBZFG00066	IC	1	
IC9802,03	C0JBAZ001120	IC	2	
IC9806	C0DBAHD00011	IC	1	
IC9807	C0DBAYY00054	IC	1	
IC9809	C0DBAYY00054	IC	1	
IC9900	MN84521-A	IC	1	
IC9901	C3ABQJ000051	IC	1	
JK2002,03	K4BK03A00002	AV TERMENAL	2	
JK3001	K1FB315A0005	JACK	1	
JK3002-04	K1FB121A0010	CONNECTOR	3	PAVCCZ
JK3005	K2HA307A0007	JACK	1	PAVCCZ
JK3701	K4AK23B00001	TERMINAL BOARD	1	PAVCCZ
JK7701	K1NA09E00080	9P CONNECTOR	1	
JK8401	K1NA68B00042	68P CONNECTOR	1	TH-42PX600B PAVCCZ
JS001	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PX600B
JS012	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PX600B
JS1100-02	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
JS1109	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS1117	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS2021,22	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2026	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2031-33	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS2108,09	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2123,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2300-03	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS2318,19	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS2331	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3005	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3007-20	ERJ6GEY0R00	M 0 OHM, 1/10W	14	
JS3023	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3037-39	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3201	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3206	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3215	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3220,21	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3230	ERJ3GEY0R00	M 0 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
JS3237-39	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3252	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3255	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3256,57	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3302-04	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3307-12	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS3352	J0JCC0000241	CHIP INDUCTOR	1	
JS3354-59	J0JCC0000241	CHIP INDUCTOR	6	
JS3362,63	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3402,03	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3404,05	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3704,05	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3707,08	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3711-14	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS3715	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4013-17	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
JS4020-24	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
JS4025,26	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
JS4027,28	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
JS4029	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
JS4033-40	ERJ2GE0R00	M 0.0 OHM, J,0.063W	8	
JS4042,43	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-42PX600B
JS4046	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV600E
JS4047,48	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-42PX600B
JS4069	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
JS4075	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
JS4077	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
JS4079	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
JS4093	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV600E
JS4099	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
JS4103	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV600E
JS4104	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS4108	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS4111-13	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS5603	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS7702	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS7711	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS7721-23	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
K1	K1KY12B00001	12P CONNECTOR	1	
L008	J0JCC0000241	CHIP INDUCTOR	1	
L012	J0JCC0000241	CHIP INDUCTOR	1	
L017	J0JCC0000241	CHIP INDUCTOR	1	
L018	J0JGC0000021	CHIP INDUCTOR COIL	1	
L019	J0JCC0000241	CHIP INDUCTOR	1	TH-42PV600E
L020	J0JGC0000021	CHIP INDUCTOR COIL	1	
L021	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L1101-04	J0JHC0000078	CHIP INDUCTOR	4	
L1109	J0JHC0000078	CHIP INDUCTOR	1	
L2001,02	J0JCC0000364	CHIP INDUCTOR	2	
L2003-16	TSK1032	BEAD CHOKE	14	
L2107	TSK1032	BEAD CHOKE	1	
L2108	J0JCC0000241	CHIP INDUCTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L2109,10	TSK1032	BEAD CHOKE	2	
L2111,12	J0JCC0000241	CHIP INDUCTOR	2	
L2115	J0JCC0000241	CHIP INDUCTOR	1	
L2117	ELESE6R8KA	PEAKING COIL	1	
L2118	EXCELDR35C	BEAD CHOKE	1	
L2123	J0JCC0000241	CHIP INDUCTOR	1	
L2178,79	J0JCC0000241	CHIP INDUCTOR	2	
L2182-87	J0JCC0000241	CHIP INDUCTOR	6	
L2204	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L2205,06	J0JCC0000241	CHIP INDUCTOR	2	
L2300-07	G0C330MA0049	PEAKING COIL	8	
L2308	TALL08N3R9MA	INDUCTION COIL	1	
L3000	G0C101K00023	PEAKING COIL	1	
L3001-03	TSK1032	BEAD CHOKE	3	
L3009	TSK1032	BEAD CHOKE	1	
L3026	TSK1032	BEAD CHOKE	1	
L3202	J0JCC0000241	CHIP INDUCTOR	1	
L3205	J0JCC0000241	CHIP INDUCTOR	1	
L3700,01	J0JCC0000364	CHIP INDUCTOR	2	
L3707,08	TSK1032	BEAD CHOKE	2	
L4021	J0JHC0000078	CHIP INDUCTOR	1	
L4023	J0JHC0000078	CHIP INDUCTOR	1	
L4027	J0JBC0000080	CHIP INDUCTOR	1	
L4028,29	J0JHC0000078	CHIP INDUCTOR	2	
L4031,32	J0JHC0000078	CHIP INDUCTOR	2	
L4033	TALC168T100K	CHIP INDUCTOR COIL	1	
L4034	J0JCC0000077	CHIP INDUCTOR	1	
L4037	J0JCC0000077	CHIP INDUCTOR	1	
L4038	J0JHC0000078	CHIP INDUCTOR	1	
L4040-46	J0JHC0000078	CHIP INDUCTOR	7	
L4048	J0JHC0000078	CHIP INDUCTOR	1	
L4049	J0JBC0000080	CHIP INDUCTOR	1	
L4050,51	J0JHC0000078	CHIP INDUCTOR	2	
L4052	J0JCC0000077	CHIP INDUCTOR	1	
L4053-55	J0JHC0000078	CHIP INDUCTOR	3	
L4056,57	J0JCC0000077	CHIP INDUCTOR	2	
L4060,61	J0JCC0000077	CHIP INDUCTOR	2	
L4065,66	J0JHC0000078	CHIP INDUCTOR	2	
L4068-70	J0JHC0000078	CHIP INDUCTOR	3	
L4071	J0JBC0000080	CHIP INDUCTOR	1	
L4073	J0JHC0000078	CHIP INDUCTOR	1	
L4075,76	J0JHC0000078	CHIP INDUCTOR	2	
L4077	J0JCC0000077	CHIP INDUCTOR	1	
L4078	J0JHC0000078	CHIP INDUCTOR	1	
L5602	TALL08N2R7MA	INDUCTION COIL	1	
L5604	TALL08N2R7MA	INDUCTION COIL	1	
L5605	G0A2R7ZA0021	CHOKE COIL	1	
L5606,07	G0A220GA0002	CHOKE COIL	2	
L5608	G1C100MA0072	INDUCTION COIL	1	
L5609	G0A220GA0002	CHOKE COIL	1	
L5610	G1C470MA0077	INDUCTION COIL	1	
L5612	TALL08N2R7MA	INDUCTION COIL	1	
L5615	TALL08N150KA	INDUCTION COIL	1	
L5621	G1C330MA0234	INDUCTION COIL	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L5622,23	G1C150MA0234	INDUCTION COIL	2	
L5624	G1C330MA0234	INDUCTION COIL	1	
L5651	G0A220GA0002	CHOKE COIL	1	
L5801	G0C101K00023	PEAKING COIL	1	
L5802	TALL08N101KA	INDUCTION COIL	1	
L6001-03	G0C1R9KA0147	PEAKING COIL	3	
L6011-13	G0C1R9KA0147	PEAKING COIL	3	
L6061-68	G0ZZ00002183	PEAKING COIL	8	
L6081-88	G0ZZ00002183	PEAKING COIL	8	
L6101,02	J0JJC0000011	CHIP INDUCTOR	2	
L6103	G0ZZ00002183	PEAKING COIL	1	
L6104,05	J0JJC0000011	CHIP INDUCTOR	2	
L6211,12	J0JJC0000011	CHIP INDUCTOR	2	
L6221	G0ZZ00002183	PEAKING COIL	1	
L6241	G0ZZ00002183	PEAKING COIL	1	
L6262	G0ZZ00002183	PEAKING COIL	1	
L6271,72	G0ZZ00002183	PEAKING COIL	2	
L6401-03	G0C1R9KA0147	PEAKING COIL	3	
L6411-13	G0C1R9KA0147	PEAKING COIL	3	
L6461-68	G0ZZ00002183	PEAKING COIL	8	
L6472,73	G0ZZ00002183	PEAKING COIL	2	
L6481-88	G0ZZ00002183	PEAKING COIL	8	
L6591,92	G0ZZ00002183	PEAKING COIL	2	
L6601,02	G0ZZ00002183	PEAKING COIL	2	
L6801,02	J0JJC0000011	CHIP INDUCTOR	2	
L6841	J0JJC0000011	CHIP INDUCTOR	1	
L8004	J0JHC0000045	CHIP INDUCTOR	1	TH-42PX600B
L8008	J0JHC0000045	CHIP INDUCTOR	1	TH-42PX600B
L8026	J0JHC0000035	CHIP INDUCTOR	1	TH-42PX600B
L8031-33	J0JHC0000045	CHIP INDUCTOR	3	TH-42PX600B
L8037	J0JCC0000078	CHIP INDUCTOR	1	TH-42PX600B
L8038	J0JHC0000045	CHIP INDUCTOR	1	TH-42PX600B
L8042	J0JHC0000045	CHIP INDUCTOR	1	TH-42PX600B
L8046	ELJPA1R0MFB	INDUCTION COIL	1	TH-42PX600B
L8047	G1C680MA0173	INDUCTION COIL	1	TH-42PX600B PAVCCZ
L8048	G1C330MA0173	INDUCTION COIL	1	TH-42PX600B PAVCCZ
L8049	J0JHC0000045	CHIP INDUCTOR	1	TH-42PX600B
L8051	J0JCC0000241	CHIP INDUCTOR	1	TH-42PX600B
L8055	G1C100MA0077	INDUCTION COIL	1	TH-42PX600B
L8059	J0JHC0000045	CHIP INDUCTOR	1	TH-42PX600B
L8106	ELJFA2R7JBB	CHIP INDUCTOR	1	TH-42PX600B PAVCCZ
L8145	J0JHC0000045	CHIP INDUCTOR	1	TH-42PX600B
L8501	ELJNA2R7JFB	CHIP INDUCTOR	1	TH-42PX600B
L9500	G1C150KA0038	INDUCTION COIL	1	
L9501,02	J0JHC0000078	CHIP INDUCTOR	2	
L9800	G1C3R0MA0248	INDUCTION COIL	1	
L9801,02	G1C2R2MA0241	INDUCTION COIL	2	
L9810	J0JHC0000045	CHIP INDUCTOR	1	
NPM	RD-SD0010P	SD MODULE	1	
PA1	K1KA04AA0192	4P CONNECTOR	1	
PA2	K1KA05AA0192	5P CONNECTOR	1	
PA5	K1KA11AA0194	11P CONNECTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
PA10	K1KA06A00452	6P CONNECTOR	1	
PA20	K1MN40A00024	40P CONNECTOR	1	
PA31-33	K1KA03AA0192	3P CONNECTOR	3	
PA40	K1KA20AA0009	20P CONNECTOR	1	
PA1101	K5H8012A0023	FUSE	1	
PA2100	K5H1622A0023	FUSE	1	
PA3100	K5H1622A0023	FUSE	1	
PA3104	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
PA7751	K5H1622A0023	FUSE	1	
PA9800	K5H4022A0023	FUSE	1	
PC6480	B3PBA0000223	IC	1	
PC6701-03	B3PBA0000233	IC	3	
PC6704	B3PBA0000234	IC	1	
PC6705	B3PBA0000233	IC	1	
PC6760	B3PBA0000223	IC	1	
PC6801	B3PBA0000223	IC	1	
PC6861	B3PBA0000223	IC	1	
PC6871	B3PBA0000223	IC	1	
Q002	2SA207700L	TRANSISTOR	1	
Q1100-03	2SC584500L	TRANSISTOR	4	
Q1106,07	2SC584500L	TRANSISTOR	2	TH-42PX600B
Q1108	2SC584500L	TRANSISTOR	1	
Q1109,10	B1CBHD000002	FET	2	
Q1111	2SC584500L	TRANSISTOR	1	
Q1113-18	2SC584500L	TRANSISTOR	6	
Q1120-22	2SC584500L	TRANSISTOR	3	
Q1130	2SC584500L	TRANSISTOR	1	
Q1131	B1ABDF000034	TRANSISTOR	1	
Q1134	2SC584500L	TRANSISTOR	1	
Q1135	B1ABDF000034	TRANSISTOR	1	
Q1137-43	2SC584500L	TRANSISTOR	7	
Q2001-04	2SC584500L	TRANSISTOR	4	
Q2006,07	2SC584500L	TRANSISTOR	2	
Q2009,10	2SC584500L	TRANSISTOR	2	
Q2011	2SA207700L	TRANSISTOR	1	
Q2012	2SC584500L	TRANSISTOR	1	
Q2013	2SA207700L	TRANSISTOR	1	
Q2102-05	2SA207700L	TRANSISTOR	4	
Q2106	2SC584500L	TRANSISTOR	1	
Q2108	2SC584500L	TRANSISTOR	1	
Q2113,14	2SC584500L	TRANSISTOR	2	
Q2300	2SA207700L	TRANSISTOR	1	(PA)
Q2300	2SC584500L	TRANSISTOR	1	(H)
Q2301	2SD601A	TRANSISTOR	1	(H)
Q2301	2SD601A	TRANSISTOR	1	(PA)
Q2302	2SC584500L	TRANSISTOR	1	
Q2305	2SD601A	TRANSISTOR	1	
Q2306-09	2SA207700L	TRANSISTOR	4	
Q2314-17	2SC584500L	TRANSISTOR	4	
Q2510,11	2SD601A	TRANSISTOR	2	
Q2518	2SD601A	TRANSISTOR	1	TH-42PX600B
Q3001	2SC584500L	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q3005	2SC584500L	TRANSISTOR	1	
Q3008	2SA207700L	TRANSISTOR	1	
Q3011	2SA207700L	TRANSISTOR	1	
Q3014,15	2SA207700L	TRANSISTOR	2	
Q3016	2SC584500L	TRANSISTOR	1	
Q3017	2SA207700L	TRANSISTOR	1	
Q3019-24	2SC584500L	TRANSISTOR	6	
Q3027-29	2SA207700L	TRANSISTOR	3	
Q3331-33	2SC2480	TRANSISTOR	3	
Q4043,44	2SA207700L	TRANSISTOR	2	
Q4046	2SA207700L	TRANSISTOR	1	
Q4050	2SC584500L	TRANSISTOR	1	
Q4051,52	2SD1030	TRANSISTOR	2	
Q4053	2SC584500L	TRANSISTOR	1	
Q4054	2SD1030	TRANSISTOR	1	
Q4055-59	2SA207700L	TRANSISTOR	5	
Q4061-69	2SC584500L	TRANSISTOR	9	
Q4070,71	B1MBACA00008	TRANSISTOR	2	
Q4082,83	2SK1228	FET	2	
Q4084	B1ABDF000034	TRANSISTOR	1	
Q4918	B1ABDF000034	TRANSISTOR	1	
Q4919	2SC584500L	TRANSISTOR	1	
Q5601	B1DHDC000028	TRANSISTOR	1	
Q5602	2SD601A	TRANSISTOR	1	
Q5603	B1DHDC000028	TRANSISTOR	1	
Q5604,05	2SD601A	TRANSISTOR	2	
Q5610	2SD601A	TRANSISTOR	1	
Q5613	2SD601A	TRANSISTOR	1	
Q5614	2SK3065T100	FET	1	
Q5641-43	2SA207700L	TRANSISTOR	3	
Q5644	2SD601A	TRANSISTOR	1	
Q6001-03	B1JADN000001	TRANSISTOR	3	
Q6021-23	B1JADN000001	TRANSISTOR	3	
Q6041,42	B1JADN000002	TRANSISTOR	2	
Q6051,52	B1JADN000002	TRANSISTOR	2	
Q6101-04	B1DFKM000002	TRANSISTOR	4	
Q6105	B1ABNF000006	TRANSISTOR	1	
Q6106	B1ADNF000006	TRANSISTOR	1	
Q6111	2SK326800L	FET	1	
Q6112	B1DFKM000002	TRANSISTOR	1	
Q6114	B1DFKM000002	TRANSISTOR	1	
Q6141	B1ABNF000006	TRANSISTOR	1	
Q6142	B1ADNF000006	TRANSISTOR	1	
Q6146	B1ABNF000006	TRANSISTOR	1	
Q6147	B1ADNF000006	TRANSISTOR	1	
Q6171	2SD2185	TRANSISTOR	1	
Q6172	B1ADRD000001	TRANSISTOR	1	
Q6181	2SD2185	TRANSISTOR	1	
Q6182	B1ADRD000001	TRANSISTOR	1	
Q6221	2SD1263A	TRANSISTOR	1	
Q6222	2SC3063	TRANSISTOR	1	
Q6251	2SD601A	TRANSISTOR	1	
Q6401-03	B1JADN000001	TRANSISTOR	3	
Q6421-23	B1JAEP000001	TRANSISTOR	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6441,42	B1JADN000002	TRANSISTOR	2	
Q6451,52	B1JADP000002	TRANSISTOR	2	
Q6471	B1CHGD000006	TRANSISTOR	1	
Q6511	B1ABNF000006	TRANSISTOR	1	
Q6512	B1ADNF000006	TRANSISTOR	1	
Q6516	B1ABNF000006	TRANSISTOR	1	
Q6517	B1ADNF000006	TRANSISTOR	1	
Q6531	2SD2185	TRANSISTOR	1	
Q6532	B1ADRD000001	TRANSISTOR	1	
Q6551	2SD2185	TRANSISTOR	1	
Q6552	B1ADRD000001	TRANSISTOR	1	
Q6581	2SD601A	TRANSISTOR	1	
Q6601	B1DFES000003	TRANSISTOR	1	
Q6602	2SD601A	TRANSISTOR	1	
Q6621,22	B1DFKM000001	TRANSISTOR	2	
Q6641,42	B1DFKM000001	TRANSISTOR	2	
Q6644,45	B1DFKM000001	TRANSISTOR	2	
Q6647,48	B1DFKM000001	TRANSISTOR	2	
Q6661	B1DEET000002	TRANSISTOR	1	
Q6662	2SD601A	TRANSISTOR	1	
Q6663	2SD2185	TRANSISTOR	1	
Q6671,72	B1DFET000001	TRANSISTOR	2	
Q6680	B1ADNF000006	TRANSISTOR	1	
Q6681,82	2SK389500L	FET	2	
Q6691	2SK620	FET	1	
Q6742,43	2SD601A	TRANSISTOR	2	
Q6744	2SK620	FET	1	
Q6762	B1ADNF000006	TRANSISTOR	1	
Q6781	B1ABNF000006	TRANSISTOR	1	
Q6782	B1ADNF000006	TRANSISTOR	1	
Q6791	2SD601A	TRANSISTOR	1	
Q6801	B1BAEJ000014	TRANSISTOR	1	
Q6802	2SB0709A	TRANSISTOR	1	
Q6803	2SD814A	TRANSISTOR	1	
Q6804	2SD601A	TRANSISTOR	1	
Q6821	2SD1263A	TRANSISTOR	1	
Q6822	2SC3063	TRANSISTOR	1	
Q6824	2SD601A	TRANSISTOR	1	
Q6841	2SD1263A	TRANSISTOR	1	
Q6842	2SC1473A	TRANSISTOR	1	
Q7751,52	2SD601A	TRANSISTOR	2	
Q7753	2SC584500L	TRANSISTOR	1	
Q7754	2SD601A	TRANSISTOR	1	
Q8101	2SA207700L	TRANSISTOR	1	TH-42PX600B
Q8401,02	2SD601A	TRANSISTOR	2	TH-42PX600B
Q9010	2SD601A	TRANSISTOR	1	
Q9044	2SD601A	TRANSISTOR	1	
Q9046	2SD601A	TRANSISTOR	1	
Q9049	2SB709A	TRANSISTOR	1	
Q9050-54	2SD601A	TRANSISTOR	5	
Q9055-58	B1CBHD000002	FET	4	
Q9300-02	2SD601A	TRANSISTOR	3	
Q9800,01	B1MBEDA00015	TRANSISTOR	2	
Q9803	B1MBEDA00015	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q9805,06	2SD601A	TRANSISTOR	2	
R002	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R005	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R008,09	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R010	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R011	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R012,13	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R014	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R1101	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1102,03	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1105,06	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1113	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R1116	ERJ2GEJ562	M 5.6KOHM,J,0.063W	1	
R1117	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1118,19	EXB2HV680J	RESISTOR ARRAY	2	
R1121,22	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1123	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1124,25	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R1128	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1130	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1131,32	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1133,34	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1135	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1140,41	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R1145	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-42PX600B
R1146	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1147,48	D1HG5608A002	NETWORK RESISTER	2	
R1149	EXB2HV680J	RESISTOR ARRAY	1	
R1150	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-42PX600B
R1151	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1153	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1154,55	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R1156	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1157	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1158	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1159	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1160	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PV600E
R1162	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PV600E
R1164	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1165	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1166,67	ERJ2GEJ101	M 100 OHM, J,0.063W	2	TH-42PX600B
R1168,69	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1174	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1175	ERJ2GEJ563	M 56KOHM ,J,0.063W	1	
R1176	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1177-79	ERJ2GEJ101	M 100 OHM, J,0.063W	3	
R1181	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1182	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
R1183	EXB28V680JX	RESISTOR ARRAY	1	
R1184	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1187	EXB2HV680J	RESISTOR ARRAY	1	
R1188,89	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1193,94	ERJ2GEJ101	M 100 OHM, J,0.063W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1199	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1200	EXB2HV680J	RESISTOR ARRAY	1	
R1203	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1207	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1212	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1214	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1215-17	ERJ2GEJ101	M 100 OHM, J,0.063W	3	
R1218	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1220	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1221	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R1222	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R1223	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1224	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1225,26	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1228	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1229	ERJ2GEJ182	M 1.8KOHM, J,0.063W	1	
R1230	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1231	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1232,33	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R1234	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1235,36	ERJ2GEJ272	M 2.7KOHM, J,0.063W	2	
R1238	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1239	ERJ3EKF1202	M 12KOHM, 1/16W	1	
R1240	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1241	ERJ2GEJ822	M 8.2KOHM, J,0.063W	1	
R1243	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1246	ERJ2GEJ912	M 9.1KOHM, J,0.063W	1	
R1249	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1250	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R1251,52	EXB2HV101J	RESISTOR ARRAY	2	
R1256	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1259	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-42PX600B
R1263,64	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1269	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1270,71	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1275	ERJ3EKF7151	M7.15KOHM, 1/16W	1	
R1279,80	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1281	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1282	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1283	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1284	ERJ2GEJ682	M 6.8KOHM, J,0.063W	1	
R1290	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1292,93	ERJ2GEJ104	M 100KOHM, J,0.063W	2	TH-42PX600B
R1296,97	ERJ2GEJ473	M 47KOHM,J,0.063W	2	TH-42PX600B
R1299-02	ERJ2GE0R00	M 0.0 OHM, J,0.063W	4	TH-42PV600E
R1303-06	ERJ2GEJ220	M 22 OHM, J,0.063W	4	TH-42PX600B
R1307	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1308	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1309-12	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R1313,14	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1315	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
R1316	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1318,19	ERJ2GEJ512X	M5.12KOHM, J,0.063W	2	
R1321	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1322	ERJ2GEJ100	M 10 OHM, J,0.063W	1	
R1323,24	ERJ2GEJ823	M 82KOHM, J,0.063W	2	
R1325,26	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1327,28	ERJ2GEJ683	M 68KOHM, J,0.063W	2	
R1329,30	ERJ2GEJ473	M 47KOHM,J,0.063W	2	
R1331,32	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1333	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1334	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1335	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1336	ERJ2GEJ225	M 1MOHM, J,0.063W	1	
R1337	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1340	ERJ2GEJ473	M 47KOHM,J,0.063W	2	TH-42PV600E
R1341	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1344	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1346	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1350,51	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1352	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1353	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R1354	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1355	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1358	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1359	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R1360	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R1361	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1363	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1364	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1365	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1367	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
R1368	ERJ2GEJ183	M 18KOHM ,J,0.063W	1	
R1369	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1370	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1372	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1373	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
R1375	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1376	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1377	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R1378	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1379	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R1380	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1381	ERJ2GEJ474	M 470KOHM, J,0.063W	1	
R1384	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1389	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1408	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1410	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1411	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1412,13	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1414	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1426-32	ERJ8GEY0R00	M 0 OHM, 1/8W	7	
R1436,37	ERJ2GEJ561	M 60 OHM, J,0.063W	2	
R1439	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1441	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1446,47	ERJ2GEJ471	M 470 OHM, J,0.063W	2	
R1449	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1451	ERJ2GEJ473	M 47KOHM,J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1452	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PV600E
R1454	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1458,59	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1461,62	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1466	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1467	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1470	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1472,73	ERJ2GEJ301	M 300 OHM, J,0.063W	2	
R1474	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R1475	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1478	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1479	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1480	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PV600E
R1489	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1491	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1526	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1530,31	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1554,55	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1556	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R2005	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2006-11	ERJ6GEYJ223	M 22KOHM,J,1/10W	6	
R2012	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2013,14	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R2015,16	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2018,19	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2023	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2027,28	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2031	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2033	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2035,36	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2038	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2040	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2042	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R2043	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2044	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2045,46	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2048	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2049,50	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2051,52	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R2053	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2054	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2101,02	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2103	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2113,14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2116	J0JCC0000241	CHIP INDUCTOR	1	
R2124,25	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R2126,27	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2128,29	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2130	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2131	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	
R2132	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2133	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2135,36	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2137	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2138	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2139,40	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2147	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2148,49	ERJ3EKF6342	M6.34KOHM, 1/16W	2	
R2152	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2153	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2154	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2155-60	ERJ3GEYJ221	M 220 OHM,J,1/16W	6	
R2161	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R2162	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2163	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R2164	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2165,66	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R2167	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2168,69	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2170-77	ERJ3GEYJ221	M 220 OHM,J,1/16W	8	
R2181	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2182,83	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2184-87	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R2188	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2190	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2192,93	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2195,96	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2197	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2199,00	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2202	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2203	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2204	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R2208	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2209	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R2210	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R2211	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2213	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2214	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R2215	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2219	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2220	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R2224,25	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2227	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2230,31	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2232,33	ERJ3GEYJ153	M 15KOHM,J,1/16W	2	
R2234,35	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2236	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2237	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2238,39	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2246	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R2300	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2301	ERJ6GEYJ821	M 820 OHM,J,1/10W	1	
R2302	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(H)
R2302	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(PA)
R2303	ERJ3GEYJ433	M 43KOHM,J,1/16W	1	(PA)
R2303	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	(H)
R2304	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2305	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(PA)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2305	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	(H)
R2306	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(PA)
R2306	ERJ6GEYJ821	M 820 OHM,J,1/10W	1	(H)
R2307	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	(H)
R2307	ERJ3GEYJ433	M 43KOHM,J,1/16W	1	(PA)
R2308,09	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	
R2310	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(PA)
R2310	ERJ3GEYJ184	M 180KOHM,J,1/16W	1	(H)
R2311	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(PA)
R2311	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	(H)
R2312	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2313,14	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R2323,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2325	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2328	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2329	ERJ3EKF1003	M 100KOHM, 1/16W	1	
R2332	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2338	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2341	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2342,43	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2346,47	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2348	ERJ3EKF1003	M 100KOHM, 1/16W	1	
R2349,50	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2351	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2352	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2353,02	ERJ3EKF1002	M 10KOHM, 1/16W	2	
R2354	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2355,56	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R2357,58	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R2359	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2360	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2361	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2362	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R2363	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2364	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2366	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2367	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R2368	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2372-74	ERJ6GEYJ681	M 680 OHM,J,1/10W	3	
R2376	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2377,78	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2379,80	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R2383	ERJ3EKF3741	M3.74KOHM, 1/16W	1	
R2384	ERJ3EKF7150	M 715 OHM, 1/16W	1	
R2387	ERJ3EKF7150	M 715 OHM, 1/16W	1	
R2388	ERJ3EKF3741	M3.74KOHM, 1/16W	1	(PA)
R2388	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	(H)
R2389	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2390	ERJ3GEYJ203	M 20KOHM,J,1/16W	1	
R2391	ERJ3EKF2801	M 2.8KOHM, 1/16W	1	(PA)
R2391	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(H)
R2392	ERJ3EKF1651	M1.65KOHM, 1/16W	1	(PA)
R2392	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(H)
R2393	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2395	ERJ3EKF2801	M 2.8KOHM, 1/16W	1	
R2396	ERJ3EKF1651	M1.65KOHM, 1/16W	1	(PA)
R2396	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(H)
R2397	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(H)
R2397	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(PA)
R2398	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	(H)
R2398	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(PA)
R2399	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2400	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2401,02	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2403	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2404,05	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2406	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2407	ERJ3EKF1241	M1.24KOHM, 1/16W	1	
R2408	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R2409	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	
R2410	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2411,12	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2413	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2414,15	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2416	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2417	ERJ3EKF1241	M1.24KOHM, 1/16W	1	
R2418	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R2419	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	
R2420	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2421	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	
R2422	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2423	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	
R2424	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2512	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2516	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2517	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2520	ERJ3GEYJ224	M 220KOHM,J,1/16W	1	
R2521	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2524	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2539	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	TH-42PX600B
R2540	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	TH-42PX600B
R2542	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2554	ERJ6ENF75R0	M 75 OHM, 1/10W	1	TH-42PX600B
R2557	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2559	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2560	ERJ3EKF5760	M 576 OHM, 1/16W	1	
R2567	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-42PX600B
R2572	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-42PX600B
R3001,02	ERJ6ENF1500	M 150 OHM, 1/10W	2	
R3003-05	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3006-08	ERJ6ENF1500	M 150 OHM, 1/10W	3	
R3009-15	ERJ6ENF75R0	M 75 OHM, 1/10W	7	
R3016,17	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3018,19	ERJ6GEYJ680	M 68 OHM,J,1/10W	2	
R3020-22	ERJ6ENF2202	M 2.2KOHM, 1/10W	3	
R3023,24	ERJ6ENF1202	M 12KOHM, 1/10W	2	
R3025	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3026	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3027,28	ERJ6ENF1500	M 150 OHM, 1/10W	2	
R3030-32	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3033,34	ERJ6ENF1500	M 150 OHM, 1/10W	2	
R3036	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3041,42	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	2	
R3043	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3044,45	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3048	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R3049	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3050	ERJ3GEYJ242	M 2.4KOHM,J,1/16W	1	
R3051	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3052	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3057,58	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3059-64	ERJ3GEYJ221	M 220 OHM,J,1/16W	6	
R3068	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3070	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3072-75	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R3076	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3077	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3078	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3085-88	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R3089,90	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3092	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3094-01	ERJ3GEYJ221	M 220 OHM,J,1/16W	8	
R3102	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3103	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R3105	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3107	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3109	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3111-14	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3115	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3118	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3119,20	ERJ3EKF91R0	M 91 OHM, 1/16W	2	
R3121	ERJ3EKF1300V	M 130 OHM, 1/16W	1	
R3122	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3123	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3126	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3127	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3130,31	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R3132,33	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3134	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3135	ERJ3EKF91R0	M 91 OHM, 1/16W	1	
R3136	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3138	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3139	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3140	ERJ3EKF1300V	M 130 OHM, 1/16W	1	
R3141	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3143	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3144	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3145	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3146	ERJ3GEYJ361	M 360 OHM,J,1/16W	1	
R3149	ERJ3GEYJ361	M 360 OHM,J,1/16W	1	
R3150	ERJ6ENF75R0	M 75 OHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3151	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3152	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3153,54	ERJ3GEYJ361	M 360 OHM,J,1/16W	2	
R3155	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3156	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3157	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3158,59	ERJ3GEYJ361	M 360 OHM,J,1/16W	2	
R3160,61	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3163	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R3168	ERJ3GEYJ750	M 75 OHM,J,1/16W	1	
R3170	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3171	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3173	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R3206	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3213,14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3215	J0JCC0000241	CHIP INDUCTOR	1	
R3222	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3224	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3227-29	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3233,34	ERJ6ENF75R0	M 75 OHM, 1/10W	2	
R3236	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3238	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3239	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R3245-48	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3249	J0JCC0000241	CHIP INDUCTOR	1	
R3302	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3305	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3306,07	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R3308,09	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R3310	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3312	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3313	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3317	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3318	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3320	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3323,24	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R3330	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3336	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3337	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3338	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3339	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3340	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3341	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3342	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3343	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3344	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3345	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3346	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3347	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3348,49	ERJ3GEYJ680	M 68 OHM,J,1/16W	2	
R3350-52	ERJ3GEYJ510	M 51 OHM,J,1/16W	3	
R3704	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3709-11	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3716,17	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3721	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3732	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3733	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3736-41	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R3746	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3748	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3750	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3751	ERJ6ENF1432	M14.3KOHM, 1/10W	1	
R3753	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R3754	ERJ6ENF1621	M1.62KOHM, 1/10W	1	
R3755	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3757	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3758	ERJ6ENF6651	M6.65KOHM, 1/10W	1	
R3759-64	ERJ6GEY0R00	M 0 OHM, 1/10W	6	
R3765	ERJ6ENF2321	M2.32KOHM, 1/10W	1	
R3767	ERJ6ENF3161	M3.16KOHM, 1/10W	1	
R3768	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4001	ERJ3EKF1211	M1.21KOHM, 1/16W	1	
R4004	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4008	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4010	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4018	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PV600E
R4021	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4022	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R4023	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4024,25	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4026,27	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R4029	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4031-33	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
R4037-39	D1HG1038A002	NETWORK RESISTER	3	
R4040,41	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4045,46	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4101	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4257	ERJ3EKF3302	M 33KOHM, 1/16W	1	
R4265	ERJ3EKF3242	M32.4KOHM, 1/16W	1	
R4269	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4271,72	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4286,87	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4293	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4338-43	ERJ2GE0R00	M 0.0 OHM, J,0.063W	6	
R4434	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4436	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4438	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4442,43	ERJ3EKF4220	M 422 OHM, 1/10W	2	
R4444,45	ERJ3EKF3301	M 3.3KOHM, 1/16W	2	
R4447	ERJ3EKF7680	M 768 OHM, 1/16W	1	
R4449	ERJ3EKF1211	M1.21KOHM, 1/16W	1	
R4450,51	ERJ6GEYJ821	M 820 OHM,J,1/10W	2	
R4454	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R4457	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4465	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R4466,67	ERJ2GEJ330	M 33 OHM, J,0.063W	2	
R4469,70	ERJ3EKF1500	M 150 OHM, 1/16W	2	
R4472	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4474	ERJ3EKF1211	M1.21KOHM, 1/16W	1	
R4476	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4477,78	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R4479,80	ERJ3EKF4220	M 422 OHM, 1/10W	2	
R4481	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4482,83	ERJ3EKF1781	M1.78KOHM, 1/16W	2	
R4484,85	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4486	ERJ3EKF4870	M 487 OHM, 1/16W	1	
R4487	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R4488	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4489	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R4490	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4491	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4492	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4495	ERJ3EKF4302	M 43KOHM, 1/16W	1	
R4496-99	ERJ6GEYJ102	M 1KOHM,J,1/10W	4	
R4500	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	
R4501,02	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R4503	ERJ3EKF1600	M 160 OHM, 1/16W	1	
R4505	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4506	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4508	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4510	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4514-16	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R4517	ERJ3EKF1371	M 13.7 OHM, 1/16W	1	
R4519	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4520	ERJ3EKF1691	M1.69KOHM, 1/16W	1	
R4521,22	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4523-25	ERJ3EKF33R0	M 33 OHM, 1/16W	3	
R4526	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R4527	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4528-30	ERJ3EKF33R0	M 33 OHM, 1/16W	3	
R4531	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R4532	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R4533	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4534,35	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R4536-38	ERJ3EKF1500	M 150 OHM, 1/16W	3	
R4539	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4541	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4543	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4544	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4545-47	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R4548	ERJ2GEJ911X	M 910 OHM, J,0.063W	1	
R4549	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4550	EXB28V220J	RESISTOR ARRAY	1	
R4551	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4552	EXB28V220J	RESISTOR ARRAY	1	
R4553	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4554	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4555	EXB28V220J	RESISTOR ARRAY	1	
R4556,57	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4560,61	EXB28V220J	RESISTOR ARRAY	2	
R4562	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4563-65	ERJ2GEJ220	M 22 OHM, J,0.063W	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4566	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4567	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4568	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4569	D1HG5608A002	NETWORK RESISTER	1	
R4570,71	EXB28V560JX	RESISTOR ARRAY	2	
R4572	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4575	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4577-79	ERJ2GEJ222	M 2.2KOHM, J,0.063W	3	
R4583,84	ERJ2GEJ390	M 39 OHM, J,0.063W	2	
R4589-04	ERJ2GEJ2R7X	M 2.7OHM, J,0.063W	16	
R4605,06	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4607	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4609,10	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4612,13	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4617,18	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4619	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R4620	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4621	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R4622	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4624	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4626	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4628	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4629-32	ERJ2GEJ472	M 4.7KOHM, J,0.063W	4	
R4633,34	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4636	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4637	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4639	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4640	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4641	EXB28V330J	RESISTOR ARRAY	1	
R4642-45	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R4647	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4648	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4655	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4657	ERJ2GEJ182	M 1.8KOHM, J,0.063W	1	
R4658	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4660	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4661	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4662	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4665	EXB2HV220JV	RESISTOR ARRAY	1	
R4667	EXB2HV220JV	RESISTOR ARRAY	1	
R4668	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4669	EXB2HV220JV	RESISTOR ARRAY	1	
R4672,73	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4675	ERJ3EKF1802	M 18KOHM, 1/16W	1	
R4677	ERJ3EKF1802	M 18KOHM, 1/16W	1	
R4679,80	ERJ3EKF2202	M 22KOHM, 1/16W	2	
R4681,82	ERJ3EKF3302	M 33KOHM, 1/16W	2	
R4701	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4706	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4708,09	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R4711	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4712	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4713,14	EXB2HV221JV	RESISTOR ARRAY	2	
R4715	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4718-20	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R4727	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4729,30	ERJ3EKF1000	M 100 OHM, 1/16W	2	
R4731	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4732	ERJ3EKF4751	M 4.75KOHM, 1/16W	1	
R4733	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R4734	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R4735	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R4737	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4738,39	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R4743-47	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R4749,50	EXB2HV680J	RESISTOR ARRAY	2	
R4751-54	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R4756-60	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R4762	EXB2HV680J	RESISTOR ARRAY	1	
R4763-65	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R4772	EXB2HV470JV	RESISTOR ARRAY	1	
R4773	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4774	EXB2HV470JV	RESISTOR ARRAY	1	
R4775	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4776	EXB2HV470JV	RESISTOR ARRAY	1	
R4777	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4778	EXB2HV470JV	RESISTOR ARRAY	1	
R4779	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4782	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4783	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4784	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4785	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4788	EXB2HV470JV	RESISTOR ARRAY	1	
R4791,92	ERJ2GEJ470	M 47 OHM, J,0.063W	2	
R4793,94	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4796	EXB2HV470JV	RESISTOR ARRAY	1	
R4804	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4805,06	ERJ3EKF1001	M 1KOHM, 1/16W	2	
R4807-11	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
R4814	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4816,17	ERJ2GEJ223	M 22KOHM, J,0.063W	2	
R4819	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R4822	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4823-25	J0JAD0000025	CHIP INDUCTOR	3	
R4826,27	EXB2HVR000	RESISTOR ARRAY	2	TH-42PX600B
R4830,31	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-42PX600B
R4837	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4838	ERJ2GEJ112	M 1.1KOHM, J,0.063W	1	
R4840	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
R4891	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4898	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4960	EXB2HV680J	RESISTOR ARRAY	1	
R4961-63	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R4964	EXB2HV680J	RESISTOR ARRAY	1	
R4965,66	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R4967	EXB2HV680J	RESISTOR ARRAY	1	
R4968-72	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R5601	ERJ3EKF1800	M 180 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5603	ERJ3EKF1542	M15.4KOHM, 1/16W	1	
R5605	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5606	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5607	ERJ3EKF4531	M4.53KOHM, 1/16W	1	
R5609	ERJ3EKF2000	M 200 OHM, 1/16W	1	
R5611	ERJ6ENF8202	M 82KOHM, 1/10W	1	
R5612	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R5615	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5617	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5619	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R5620	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5621	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5625-27	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R5632	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5633	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5634	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5635	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5637,38	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R5639	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5640	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5641	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5642	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5643	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5644	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5645	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R5646	ERJ3EKF4701	M 4.7KOHM, 1/16W	1	
R5647	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5648	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	1	
R5649	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R5650	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5652	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5653,54	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R5659	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R5660	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5662	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5664	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5665	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5667-69	ERJ3GEYJ473	M 47KOHM,J,1/16W	3	
R5672	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5676	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5692	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5693	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R5694	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5695	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5801	ERJ3EKF8450	M 845 OHM, 1/16W	1	
R5802	ERJ3EKF1302	M 23KOHM, 1/16W	1	
R5803	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R5804	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5805-07	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	3	
R5809	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5822-24	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	
R5836	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R6001-06	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6020	ERG3FJS101D	M 100 OHM, J, 3W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6021	ERJ14YJ150U	M 15 OHM, J,1/4W	1	
R6022	ERG3FJS101D	M 100 OHM, J, 3W	1	
R6023-27	ERJ14YJ150U	M 15 OHM, J,1/4W	5	
R6031,32	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6033	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6034	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6041-44	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6051-54	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6061,62	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6101-08	ERJ6GEYJ101	M 100 OHM,J,1/10W	8	
R6109	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6110	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6111,12	D0GD470JA036	M 47 OHM,J,0.25W	2	
R6113	ERJ14YJ224	M 220KOHM, J,1/4W	1	
R6114	D0GD470JA036	M 47 OHM,J,0.25W	1	
R6116	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6131,32	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6133,34	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6135,36	D0GD100JA036	M 10 OHM,J,0.25W	2	
R6141,42	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6146,47	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6151,52	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6153,54	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6155,56	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R6157-60	D0GF1R0JA047	M 1.0 OHM,J, 0.33W	4	
R6171	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6172,73	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6181	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6182,83	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6191-94	ERJ6GEYJ101	M 100 OHM,J,1/10W	4	
R6195	D0GD104JA036	M 100KOHM,J,0.25W	1	
R6196	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6213	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6214	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6222	ERG1FJS103D	M 10KOHM, J, 1W	1	
R6223	ERG2FJS123D	M 12KOHM, J, 2W	1	
R6225	D0GD203JA036	M 20KOHM,J,0.25W	1	
R6226,27	ERJ6GEYJ163	M 16KOHM,J,1/10W	2	
R6228	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R6229	ERJ6GEYJ163	M 16KOHM,J,1/10W	1	
R6231	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6232	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6241	EXB38V470J	RESISTOR ARRAY	1	
R6242	EXB38V472J	RESISTOR ARRAY	1	
R6243	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6244	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6245	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6246	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6251	D0GD103JA036	M 10KOHM,J,0.25W	1	
R6252,53	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6254	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R6255	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6256	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R6257	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6258	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6261	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6401-06	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6421-26	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6441-44	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6451-54	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6465	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6466	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6467,68	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6471	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6472	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6473	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R6474	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6475,76	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6477	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6478	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6479	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6501,02	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6503	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6504,05	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6506	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6507-09	D0GF1R0JA047	M 1.0 OHM,J, 0.33W	3	
R6511,12	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6516,17	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6521,22	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6523,24	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6525,26	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R6531	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6532,33	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6551	D0GD100JA036	M 10 OHM,J,0.25W	1	
R6552,53	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6561-64	EXB38V470J	RESISTOR ARRAY	4	
R6565-68	EXB38V472J	RESISTOR ARRAY	4	
R6581	D0GD103JA036	M 10KOHM,J,0.25W	1	
R6582,83	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6584	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6585	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6586	ERJ6ENF1801	M 1.8KOHM, 1/10W	1	
R6587	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6588	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6590	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6591	EXB38V472J	RESISTOR ARRAY	1	
R6592	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6603	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6604	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6605	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6606	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6607	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R6608,09	D0GF102JA047	M 1.0 KOHM,J,0.33W	2	
R6610	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6611	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6612	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6613	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6614,15	D0GF243JA047	M 24 KOHM,J,0.33W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6616	ERJ6ENF1502	M 15KOHM, 1/10W	1	
R6617	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6618	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R6619	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R6620	D0D28R2JA021	M 8.2 OHM,J,5W	1	
R6621,22	ERJ6GEYJ221	M 220 OHM,J,1/10W	2	
R6641,42	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6644,45	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6647,48	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6658	D0D1101JA009	M 100 OHM,J,1W	1	
R6659,60	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6661	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6662	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R6663	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6664	D0GF222JA047	M 2.2 KOHM,J,0.33W	1	
R6665	ERJ14YJ470	M 47 OHM,J, 1/2W	1	
R6666	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6667,68	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6671	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6672	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6673,74	D0GD5R6JA059	M 5.6 OHM,J,0.25W	2	
R6682	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6683	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6684	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6685	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6686	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6687	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6688	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6689	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6690	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6691	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6696,97	D0D32R2JA020	M 2.2 OHM,J,5W	2	
R6700-08	ERJ6GEYJ471	M 470 OHM,J,1/10W	9	
R6710-18	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	9	
R6721,22	EXB38V220J	RESISTOR ARRAY	2	
R6723	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6724	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6742	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6743	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6744	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6745	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6746,47	D0GD103JA036	M 10KOHM,J,0.25W	2	
R6755	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6756-58	D0GD101JA059	M 100 OHM,J,0.25W	3	
R6759	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6760	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6761	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6762	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6775,76	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6777	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6781	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6782	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6791	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6792	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6793	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6801,02	ERX1FJSR22D	M0.22 OHM, J, 1W	2	
R6806	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6807	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6808	ERG3FJS560D	M 56 OHM, J, 3W	1	
R6809	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6810,11	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R6812	ERJ6ENF2403	M 240KOHM, 1/10W	1	
R6813	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6814	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R6815	ERG2FJS183D	M 18KOHM, J, 2W	1	
R6816	ERJ6ENF1582	M15.8KOHM, 1/10W	1	
R6817	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R6821	ERG2FJS221D	M 220 OHM, J, 2W	1	
R6822	ERJ12YJ104U	M 100KOHM, 1/2W	1	
R6823	ERG1FJS104D	M 100KOHM, J, 1W	1	
R6824	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R6825,26	ERJ6ENF2703	M 270KOHM, 1/10W	2	
R6827	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6828	ERJ6ENF5231	M5.23KOHM, 1/10W	1	
R6829,30	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6831	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R6833-35	ERJ6ENF5602	M 56KOHM, 1/10W	3	
R6836	ERJ6ENF6802	M 68KOHM, 1/10W	1	
R6837	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R6839	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6841	ERJ12YJ153U	M 15KOHM, 1/2W	1	
R6842	ERJ14YJ433U	M 43KOHM, 1/2W	1	
R6843	ERJ6GEYJ623	M 62KOHM,J,1/10W	1	
R6844	ERG2FJS101D	M 100 OHM, J, 2W	1	
R6845	ERJ6GEYJ623	M 62KOHM,J,1/10W	1	
R6846,47	ERJ6GEYJ563	M 56KOHM,J,1/10W	2	
R6848	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6849,50	ERJ6ENF6802	M 68KOHM, 1/10W	2	
R6851	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6852	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R6853	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6860	D0D28R2JA021	M 8.2 OHM,J,5W	1	
R6861	ERJ6ENF3902	M 39KOHM, 1/10W	1	
R6862,63	ERJ6ENF4702	M 47KOHM, 1/10W	2	
R6864	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R6865,66	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R6867	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6868	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6869	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6871-73	ERJ6ENF3902	M 39KOHM, 1/10W	3	
R6874	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R6875	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R6876	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6877	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6878	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6879	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6886-88	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6901	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6902-04	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R6905	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6909	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6913	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6917	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6924	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6931-34	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6935,36	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R6951	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6952-54	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R6955	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6959	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6963	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6967	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6971	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6981-84	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6985,86	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R7112	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7113,14	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R7115	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R7116	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R7118,19	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R7120	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7122-25	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7126	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7127,28	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7132-37	EXB38V470J	RESISTOR ARRAY	6	
R7139,40	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7142-45	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7146	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7149	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7151-54	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7155	EXB38V102J	RESISTOR ARRAY	1	
R7156	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7158,59	EXB38V470J	RESISTOR ARRAY	2	
R7162-67	EXB38V102J	RESISTOR ARRAY	6	
R7169	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7171-74	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7175	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7177	EXB38V102J	RESISTOR ARRAY	1	
R7179,80	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7186,87	EXB38V470J	RESISTOR ARRAY	2	
R7201-07	EXB38V470J	RESISTOR ARRAY	7	
R7208-10	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R7212-15	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7216	EXB38V470J	RESISTOR ARRAY	1	
R7217	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7219	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7221	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7223-26	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7227	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7229	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7231	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7232-35	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7236	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7237-42	EXB38V102J	RESISTOR ARRAY	6	
R7245	EXB38V102J	RESISTOR ARRAY	1	
R7246-49	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
R7250,51	EXB38V470J	RESISTOR ARRAY	2	
R7256,57	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7258	EXB38V102J	RESISTOR ARRAY	1	
R7260	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7262-65	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7266	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7269	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7270	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R7271	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R7701	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7702	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7703-05	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R7706	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7707	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R7708	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7709	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7710	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R7713	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R7714	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R7716	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7721-29	ERJ3GEY0R00	M 0 OHM, 1/16W	9	
R7751-55	ERJ3GEYJ103	M 10KOHM,J,1/16W	5	
R7757	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7759	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7760-62	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R7764-71	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
R7773-76	ERJ3GEYJ470	M 47 OHM,J,1/16W	4	
R7777	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R7779	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R7780	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R7781	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R7783	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R7798-03	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R8001	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX600B
R8002	ERJ2GEJ272	M 2.7KOHM, J,0.063W	1	TH-42PX600B
R8003,04	ERJ2GEJ181	M 180 OHM, J,0.063W	2	TH-42PX600B
R8006	ERJ8GEY0R00	M 0 OHM, 1/8W	1	TH-42PX600B
R8008	ERJ2GEJ102	M 1KOHM, J,0.063W	1	TH-42PX600B
R8010-12	ERJ2GEJ103	M 10KOHM, J,0.063W	3	TH-42PX600B
R8014,15	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX600B
R8017,18	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-42PX600B
R8020-22	ERJ2GEJ103	M 10KOHM, J,0.063W	3	TH-42PX600B
R8027	D1HG5608A002	NETWORK RESISTER	1	TH-42PX600B
R8028-30	ERJ2GEJ560	M 56 OHM, J,0.063W	3	TH-42PX600B
R8033	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	TH-42PX600B
R8034,35	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-42PX600B
R8036	ERJ3GEYJ163	M 16KOHM,J,1/16W	1	TH-42PX600B
R8038	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX600B
R8039,40	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	TH-42PX600B
R8041	ERJ2GEJ154	M 150KOHM, J,0.063W	1	TH-42PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8046	ERJ2GEJ330	M 33 OHM, J,0.063W	1	TH-42PX600B
R8047-50	ERJ2GEJ101	M 100 OHM, J,0.063W	4	TH-42PX600B
R8051	EXB38V330J	RESISTOR ARRAY	1	TH-42PX600B
R8052-55	ERJ2GEJ103	M 10KOHM, J,0.063W	4	TH-42PX600B
R8056	ERJ2GEJ330	M 33 OHM, J,0.063W	1	TH-42PX600B
R8057	ERJ2GEJ680	M 68 OHM, J,0.063W	1	TH-42PX600B
R8058	EXB38V330J	RESISTOR ARRAY	1	TH-42PX600B
R8059	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX600B
R8073	ERJ2GEJ105	M 1MOHM, J,0.063W	1	TH-42PX600B
R8074,75	ERJ2GEJ181	M 180 OHM, J,0.063W	2	TH-42PX600B
R8076	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX600B
R8078	ERJ2GEJ562	M 5.6KOHM,J,0.063W	1	TH-42PX600B
R8079	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PX600B
R8084,85	D1HG1218A002	NETWORK RESISTER	2	TH-42PX600B
R8086-88	ERJ2GEJ560	M 56 OHM, J,0.063W	3	TH-42PX600B
R8101	ERJ3GEYF181	M 180 OHM,J,1/16W	1	TH-42PX600B PAVCCZ
R8104	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX600B
R8106,07	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX600B
R8108	ERJ3EKF1002	M 10KOHM, 1/16W	1	TH-42PX600B
R8109	ERJ3EKF2202	M 22KOHM, 1/16W	1	TH-42PX600B
R8110	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	TH-42PX600B
R8111	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
R8112,13	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-42PX600B
R8115	ERJ3GEYF272	M 2.7KOHM, 1/16W	1	TH-42PX600B
R8117	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	TH-42PX600B
R8123	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PX600B
R8124	ERJ2GEJ471	M 470 OHM, J,0.063W	1	TH-42PX600B
R8127	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
R8132,33	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-42PX600B
R8136	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX600B
R8137	ERJ2GEJ121	M 120 OHM, J,0.063W	1	TH-42PX600B
R8140,41	ERJ3EKF1001	M 1KOHM, 1/16W	2	TH-42PX600B
R8144,45	D1HG5608A002	NETWORK RESISTER	2	TH-42PX600B
R8148,49	D1HG3908A002	NETWORK RESISTER	2	TH-42PX600B
R8150-59	ERJ2GEJ390	M 39 OHM, J,0.063W	10	TH-42PX600B
R8161,62	ERJ2GEJ390	M 39 OHM, J,0.063W	2	TH-42PX600B
R8163	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX600B
R8165	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX600B
R8167-71	ERJ2GEJ103	M 10KOHM, J,0.063W	5	TH-42PX600B
R8172	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PX600B
R8173	EXB38V560J	RESISTOR ARRAY	1	TH-42PX600B
R8175,76	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX600B
R8183	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
R8184	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-42PX600B
R8187	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX600B
R8188	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PX600B
R8193	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX600B
R8195,96	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX600B
R8201-04	ERJ2GEJ103	M 10KOHM, J,0.063W	4	TH-42PX600B
R8215	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX600B
R8216,17	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-42PX600B
R8218,19	D1HG33080001	NETWORK RESISTER	2	TH-42PX600B
R8220-22	D1HG5608A002	NETWORK RESISTER	3	TH-42PX600B
R8223	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8224,25	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX600B
R8226	ERJ2GEJ330	M 33 OHM, J,0.063W	1	TH-42PX600B
R8232-43	ERJ2GEJ330	M 33 OHM, J,0.063W	12	TH-42PX600B
R8244	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX600B
R8245,46	ERJ2GEJ330	M 33 OHM, J,0.063W	2	TH-42PX600B
R8250	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX600B
R8252-54	ERJ2GEJ330	M 33 OHM, J,0.063W	3	TH-42PX600B
R8255	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX600B
R8256	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	TH-42PX600B
R8257	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX600B
R8259	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX600B
R8260-63	ERJ2GEJ560	M 56 OHM, J,0.063W	4	TH-42PX600B
R8264-68	ERJ2GEJ103	M 10KOHM, J,0.063W	5	TH-42PX600B
R8269	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX600B
R8271	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX600B
R8272	EXB38V560J	RESISTOR ARRAY	1	TH-42PX600B
R8273	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX600B
R8275	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX600B
R8277	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX600B
R8279	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
R8282	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX600B
R8284	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX600B
R8286,87	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-42PX600B
R8290	EXB38V560J	RESISTOR ARRAY	1	TH-42PX600B
R8291,92	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-42PX600B
R8310-15	ERJ3EKF75R0	M 0.75HM, 1/16W	6	TH-42PX600B
R8319	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	TH-42PX600B
R8320	ERJ3EKF1002	M 10KOHM, 1/16W	1	TH-42PX600B
R8321	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	TH-42PX600B
R8349	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-42PX600B
R8350	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	TH-42PX600B
R8351	ERJ3EKF1002	M 10KOHM, 1/16W	1	TH-42PX600B
R8352	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	TH-42PX600B
R8353	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	TH-42PX600B
R8354	ERJ2GEJ272	M 2.7KOHM, J,0.063W	1	TH-42PX600B
R8355,56	EXB2HV104JV	RESISTOR ARRAY	2	TH-42PX600B
R8357,58	ERJ2GEJ473	M 47KOHM,J,0.063W	2	TH-42PX600B
R8366	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX600B
R8367,68	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-42PX600B
R8372-76	ERJ2GEJ560	M 56 OHM, J,0.063W	5	TH-42PX600B
R8401	ERJ8GEY0R00	M 0 OHM, 1/8W	1	TH-42PX600B
R8402	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-42PX600B
R8403	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
R8404,05	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX600B
R8406	ERJ8RSJR10	M 1 OHM, 1/8W	1	TH-42PX600B
R8407	ERJ2GEJ333	M 33KOHM, J,0.063W	1	TH-42PX600B
R8414	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
R8415,16	ERJ2GEJ223	M 22KOHM, J,0.063W	2	TH-42PX600B
R8417,18	EXB38V473J	RESISTOR ARRAY	2	TH-42PX600B
R8419,20	EXB38V101J	RESISTOR ARRAY	2	TH-42PX600B
R8421	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-42PX600B
R8422	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-42PX600B
R8423	ERJ2GEJ821	M 820 OHM, J,0.063W	1	TH-42PX600B
R8425,26	EXB38V101J	RESISTOR ARRAY	2	TH-42PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8427-31	ERJ2GEJ560	M 56 OHM, J,0.063W	5	TH-42PX600B
R8433,34	EXB38V560J	RESISTOR ARRAY	2	TH-42PX600B
R8443	EXB38V560J	RESISTOR ARRAY	1	TH-42PX600B
R8444	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-42PX600B
R8445,46	ERJ2GEJ151	M 150 OHM, J,0.063W	2	TH-42PX600B
R8447	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-42PX600B
R8448	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PX600B
R8449,50	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX600B
R8451	EXB38V104J	RESISTOR ARRAY	1	TH-42PX600B
R8452	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-42PX600B
R8453	EXB38V104J	RESISTOR ARRAY	1	TH-42PX600B
R8454	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-42PX600B
R8456-59	EXB38V560J	RESISTOR ARRAY	4	TH-42PX600B
R8460	ERJ2GEJ104	M 100KOHM, J,0.063W	1	TH-42PX600B
R8461	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX600B
R8462,63	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-42PX600B
R8464	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX600B
R8465	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX600B
R8466	EXB38V560J	RESISTOR ARRAY	1	TH-42PX600B
R8467,68	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-42PX600B
R8469	EXB38V151J	RESISTOR ARRAY	1	TH-42PX600B
R8474	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
R8475,76	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX600B
R8477,78	ERJ2GEJ560	M 56 OHM, J,0.063W	2	TH-42PX600B
R8479	ERJ2GEJ203	M 20KOHM,J,0.063W	1	TH-42PX600B
R8480-82	ERJ2GEJ560	M 56 OHM, J,0.063W	3	TH-42PX600B
R8483	ERJ2GEJ203	M 20KOHM,J,0.063W	1	TH-42PX600B
R8484	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-42PX600B
R8485	ERJ2GEJ333	M 33KOHM, J,0.063W	1	TH-42PX600B
R8486	ERJ2GEJ223	M 22KOHM, J,0.063W	1	TH-42PX600B
R8487	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PX600B
R8488	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
R8489	ERJ2GEJ102	M 1KOHM, J,0.063W	1	TH-42PX600B
R8491	ERJ3EKF9102	M91.0KOHM, 1/16W	1	TH-42PX600B
R8492	ERJ3EKF1802	M 18KOHM, 1/16W	1	TH-42PX600B
R8493	ERJ3EKF9102	M91.0KOHM, 1/16W	1	TH-42PX600B
R8494	ERJ3EKF9101	M 9.1KOHM, 1/16W	1	TH-42PX600B
R8495	EXB38V151J	RESISTOR ARRAY	1	TH-42PX600B
R8496	EXB38V560J	RESISTOR ARRAY	1	TH-42PX600B
R8497	ERJ3EKF3300	M 330 OHM, 1/16W	1	TH-42PX600B
R8498	ERJ3EKF2200	M 220 OHM, 1/16W	1	TH-42PX600B
R8499	ERJ3EKF2432	M24.3KOHM, 1/16W	1	TH-42PX600B
R8500	ERJ3EKF1052	M10.5KOHM, 1/16W	1	TH-42PX600B
R8501	ERJ3EKF5601	M 5.6KOHM, 1/16W	1	TH-42PX600B
R8502	ERJ3EKF2402	M 24KOHM, 1/16W	1	TH-42PX600B
R8503,04	ERJ2GEJ103	M 10KOHM, J,0.063W	2	TH-42PX600B
R8505	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-42PX600B
R8538,39	ERJ2GEJ101	M 100 OHM, J,0.063W	2	TH-42PX600B
R8546	ERJ2GEJ333	M 33KOHM, J,0.063W	1	TH-42PX600B
R8547	ERJ2GEJ102	M 1KOHM, J,0.063W	1	TH-42PX600B
R8601	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PX600B
R8602-04	ERJ2GEJ101	M 100 OHM, J,0.063W	3	TH-42PX600B
R8605,06	ERJ2GEJ104	M 100KOHM, J,0.063W	2	TH-42PX600B
R8608	ERJ2GEJ105	M 1MOHM, J,0.063W	1	TH-42PX600B

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8610	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	TH-42PX600B
R8611	ERJ6GEY0R00	M 0 OHM, 1/10W	1	TH-42PX600B
R8614	ERJ2GEJ221	M 220 OHM, J,0.063W	1	TH-42PX600B
R8615	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
R8701-08	ERJ2GEJ560	M 56 OHM, J,0.063W	8	TH-42PX600B
R8729-36	ERJ2GEJ103	M 10KOHM, J,0.063W	8	TH-42PX600B
R8827,28	ERJ2GEJ392	M 3.9KOHM, J,0.063W	2	TH-42PX600B
R8831,32	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-42PX600B
R8862-64	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	TH-42PX600B
R8899,00	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-42PX600B
R8912	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
R8927	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
R8930	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
R8931,32	ERJ2GEJ392	M 3.9KOHM, J,0.063W	2	TH-42PX600B
R8933,34	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-42PX600B
R8936	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX600B
R8954	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PX600B
R8960	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PX600B
R8962-64	ERJ2GEJ101	M 100 OHM, J,0.063W	3	TH-42PX600B
R8967,68	EXB2HV473JV	RESISTOR ARRAY	2	TH-42PX600B PAVCCZ
R8969-71	ERJ2GEJ473	M 47KOHM,J,0.063W	3	TH-42PX600B
R9060-67	ERJ3GEYJ101	M 100 OHM,J,1/16W	8	
R9070	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9074	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9076	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9096	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9098	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9099	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9100,01	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9102	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9105	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9106	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9107	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9108,09	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9110	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9111	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9113	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9120	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9121	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9127	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9129	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9131-33	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R9134	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R9140	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9141-45	ERJ3GEYJ101	M 100 OHM,J,1/16W	5	
R9148	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9149	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9150,51	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9152,53	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9154,55	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9156-59	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9160,61	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9164-66	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9167,68	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9169	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9170-72	ERJ3GEYJ393	M 39KOHM,J,1/16W	3	
R9173-75	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9177	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9178	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9179	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9180	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9181-84	ERJ3GEYJ102	M 1KOHM,J,1/16W	4	
R9185,86	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9187,88	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9189,90	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9192	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9193	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9194	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9196	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9199	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9203	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9205	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9206,07	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9215	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R9217-22	ERJ3GEYJ103	M 10KOHM,J,1/16W	6	
R9223	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9225	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9230	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9232	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9236	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9237	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9240	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9317	ERJ3GEYJ391	M 390 OHM,J,1/16W	1	
R9348	D1HG8208A002	NETWORK RESISTER	1	
R9349	EXB38V820J	RESISTOR ARRAY	1	
R9350,51	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9352	EXB38V820J	RESISTOR ARRAY	1	
R9353,54	D1HG8208A002	NETWORK RESISTER	2	
R9355,56	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9357-59	D1HG8208A002	NETWORK RESISTER	3	
R9360	EXB38V820J	RESISTOR ARRAY	1	
R9361,62	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9363	EXB2HV470JV	RESISTOR ARRAY	1	
R9366	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9367	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9368	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9369	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9370	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9371	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9379	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9380	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9382	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9390	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9391	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9394	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9395	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9501	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9503	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9506	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9507	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9511-13	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R9514	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9516	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9518	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R9523	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9525	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9526	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9527,28	EXB2HV272JV	RESISTOR ARRAY	2	
R9529,30	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9531-33	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R9534	EXB38V470J	RESISTOR ARRAY	1	
R9535,36	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R9537	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9539	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9543,44	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9545	ERJ3GEYJ304V	M 300KOHM,J,1/16W	1	
R9548-50	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9552	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9555	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9800	ERJ3EKF1302	M 23KOHM, 1/16W	1	
R9801	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R9802	ERJ3EKF6202	M 62KOHM, 1/16W	1	
R9803	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9804	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R9805	ERJ3EKF3002	M 30KOHM, 1/16W	1	
R9806	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R9807	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9808	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9810	ERJ3EKF3001	M 3KOHM, 1/16W	1	
R9813	ERJ3EKF2401	M 2.4KOHM, 1/16W	1	
R9814	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R9815	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R9816	ERJ3EKF8202	M 82KOHM, 1/16W	1	
R9821	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9823-27	ERJ3GEYJ101	M 100 OHM,J,1/16W	5	
R9828	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9830,31	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9838,39	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R9840	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9841	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9842-44	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	
R9845	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9846,47	EXB2HV272JV	RESISTOR ARRAY	2	
R9848,49	EXB2HV470JV	RESISTOR ARRAY	2	
R9850	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9854	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9859	EXB38V101J	RESISTOR ARRAY	1	
R9861-63	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9868	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9869-71	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9872	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9878	ERJ3EKF3902	M 39KOHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9879	ERJ3EKF2002	M 20KOHM, 1/16W	1	
R9880	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R9883	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9884	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9891	ERJ3EKF4702	M 47KOHM, 1/16W	1	
R9892	ERJ3EKF1502	M 15KOHM, 1/16W	1	
R9893	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R9896	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9897	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9903	EXB2HV470JV	RESISTOR ARRAY	1	
R9904	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9905	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9906	EXB38V470J	RESISTOR ARRAY	1	
R9907	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9917,18	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9919,20	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9922	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9929	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9936-39	ERJ3EKF1001	M 1KOHM, 1/16W	4	
R9940	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9941,42	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R9943-51	EXB38V470J	RESISTOR ARRAY	9	
R9952-55	ERJ3GEYJ470	M 47 OHM,J,1/16W	4	
R9956	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
RM2501	PNA4701M05TV	REMOTE RECEIVER	1	
RTL	TNPA3740AC	CIRCUIT BOARD XV	1	TH-42PX600B PAVCCZ ⚠
RTL	TNPA3756CA	CIRCUIT BOARD DG	1	TH-42PV600E PAVCCZ ⚠
RTL	TNPA3756CG	CIRCUIT BOARD DG	1	TH-42PX600B PAVCCZ ⚠
RTL	TNPA3759	CIRCUIT BOARD H	1	PAVCCZ ⚠
RTL	TNPA3766	CIRCUIT BOARD HC	1	PAVCCZ ⚠
RTL	TNPA3767	CIRCUIT BOARD TA	1	TH-42PV600E PAVCCZ ⚠
RTL	TNPA3767AB	CIRCUIT BOARD TA	1	TH-42PX600B PAVCCZ ⚠
RTL	TXNPA1BETB	CIRCUIT BOARD PA	1	PAVCCZ ⚠
RTL	TXNC11BJTB	CIRCUIT BOARD C1	1	PAVCCZ ⚠
RTL	TXNC21BJTB	CIRCUIT BOARD C2	1	PAVCCZ ⚠
RTL	TZTNP01BJTB	CIRCUIT BOARD D	1	PAVCCZ ⚠
RTL	TXN/P1BJTB	CIRCUIT BOARD P	1	PAVCCZ ⚠
RTL	TXNSC1BJTB	CIRCUIT BOARD SC	1	PAVCCZ ⚠
RTL	TXNSD1BJTB	CIRCUIT BOARD SD	1	PAVCCZ ⚠
RTL	TXNSS1BJTB	CIRCUIT BOARD SS	1	PAVCCZ ⚠
RTL	TXNSU1BJTB	CIRCUIT BOARD SU	1	PAVCCZ ⚠
RTL	TXN/G1BJTB	CIRCUIT BOARD G	1	PAVCCZ ⚠
RTL	TXNGK1BJTB	CIRCUIT BOARD GK	1	PAVCCZ ⚠
RTL	TXN/K1BJTB	CIRCUIT BOARD K	1	TH-42PX600B PAVCCZ ⚠
RTL	TXN/K1BJTE	CIRCUIT BOARD K	1	TH-42PV600E PAVCCZ ⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
RTL	TXN/S1BJTB	CIRCUIT BOARD S	1	PAVCCZ ⚠
RTL	TXNGS1BETB	CIRCUIT BOARD GS	1	PAVCCZ ⚠
S1	K1KA03BA0061	3P CONNECTOR	1	
SC2	K1KA02A00626	2P CONNECTOR	1	
SC20	K1KA20AA0008	20P CONNECTOR	1	
SC23	K1KA03AA0193	3P CONNECTOR	1	
SC30	K1KA08AA0192	8P CONNECTOR	1	
SC41,42	K1ML80B00001	80P CONNECTOR	2	
SC45,46	K1KA09A00239	9P CONNECTOR	2	
SCMM1	TMME260	CLAMPER	1	
SCMM3	TMME260	CLAMPER	1	
SD1-D4	K1MN96B00005	96P CONNECTOR	4	
SD46	K1KB09A00045	9P CONNECTOR	1	
SS11	K1KA02A00626	2P CONNECTOR	1	
SS12	K1KA10AA0194	10P CONNECTOR	1	
SS23	K1KA12AA0194	12P CONNECTOR	1	
SS34	K1KA03AA0193	3P CONNECTOR	1	
SS41-44	K1MN13B00020	13P CONNECTOR	4	
SU1-U4	K1MN96B00005	96P CONNECTOR	4	
SU45	K1KB09A00045	9P CONNECTOR	1	
SW2500	K0F162B00002	SWITCH	1	
SW3753-57	EVQ11G05R	SWITCH	5	
T6602	ETS25AZ139AD	SWITCHING TRANS	1	
TA5	K1KB15B00013	15P CONNECTOR	1	
TA6	K1KB09B00019	9P CONNECTOR	1	
TU001	ENG37A12GF	TUNER	1	TH-42PV600E ⚠
TU001	ENGF7301GF	TUNER	1	TH-42PX600B PAVCCZ ⚠
TU8001	ENV57M01D8F	TUNER	1	TH-42PX600B PAVCCZ ⚠
VR6000	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
VR6600	EVMEASA00B13	CONTROL 1KOHMB 0.3W	1	
VR6602	EVMEASA00B53	CONTROL 5KOHMB 0.3W	1	
X1100	H0J100500030	CRYSTAL	1	
X1101	H0J327200114	CRYSTAL	1	
X2101	H0J184500027	CRYSTAL	1	
X4004	H0J270500087	CRYSTAL	1	
X8003	H0J241500003	CRYSTAL	1	TH-42PX600B PAVCCZ
X8006	H0J270500090	CRYSTAL	1	TH-42PX600B PAVCCZ
X9000	H2D200500011	CRYSTAL	1	
X9200	H0J200500038	CRYSTAL	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
XV01	K1KAB0A00011	CONNECTOR	1	TH-42PX600B
ZA2101-08	TESA169	SHIELD CLIP	8	
ZA2300,01	K4CZ01000027	COMPATIBLE WITH JALCO K9	2	
ZA3401-05	K4CZ01000027	COMPATIBLE WITH JALCO K9	5	
ZA3701	K4CD01000013	TERMINAL	1	
ZA4001,02	K4CD08000002	TERMINAL	2	
ZA6001,02	K4CD01000011	TERMINAL	2	
ZA6005	K4CD01000011	TERMINAL	1	
ZA6401-03	K4CD01000011	TERMINAL	3	
ZA7101-04	K4CD01000013	TERMINAL	4	
ZA7201-04	K4CD01000013	TERMINAL	4	
ZA9001	K4CD01000011	TERMINAL	1	
C402	F1J1C1050011	C 1UF, Z, 50V	1	
C404	F0CAF105A021	C 1UF, 250V	1	⚠
C407	EEUEB2W220B	E 22UF, 450V	1	⚠
C408	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C409	F0CAF225A021	C 22UF, 250V	1	⚠
C410	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C413	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C414	ECQU2A473ML	P 0.047UF, M,250V	1	⚠
C421	F1J1C1050011	C 1UF, Z, 50V	1	
C422	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C423	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C425	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C426	ECJ2XC1H471J	C 470PF, J, 50V	1	
C427	F1J1C1050011	C 1UF, Z, 50V	1	
C428	ECJ2XC1H221J	C 220PF, J, 50V	1	
C429	F1E2J4730001	C 0.047PF, , 600V	1	
C431	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C432	F1J1C1050011	C 1UF, Z, 50V	1	
C433	ECJ3XB1E104K	C 0.1UF, K, 25V	1	
C434	F1J1C1050011	C 1UF, Z, 50V	1	
C436	F1J1C1050011	C 1UF, Z, 50V	1	
C440	ECA1HM100	E 10UF, 50V	1	
C443,44	F1A3A102A040	C 1000PF, J, 1KV	2	
C445	F1J1C1050011	C 1UF, Z, 50V	1	
C446,47	F2B2W2010001	C 200UF, 450V	2	⚠
C450	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C451	F1A3A101A040	C 100PF, J, 1KV	1	
C457	ECWH12333RHV	P 0.013UF,J,1.2KV	1	
C460,61	F1A3A331A039	E 330UF, 1KV	2	
C462	ECJ3YB1E105K	C 1UF, K, 25V	1	
C463	ECJ2XC1H220J	C 22UF, J, 50V	1	
C467	ECKCNA221KB7	C 220PF, M,	1	⚠
C468	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C469	ECKCNA221KB7	C 220PF, M,	1	⚠
C470	F0CAF105A021	C 1UF, 250V	1	⚠
C473,74	ECKCNA101KB7	C 100PF	2	⚠
C476	ECKCNA101KB7	C 100PF	1	⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C478	ECKCNA101KB7	C 100PF	1	⚠
C493	ECA1HM470	E 47UF, 50V	1	
C494	F2A2E1R00008	E 1.0UF, 250V	1	
C497	ECA1HM470	E 47UF, 50V	1	
C501,02	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C503	ECJ2XC1H471J	C 470PF, J, 50V	1	
C504	F1J1C1050011	C 1UF, Z, 50V	1	
C505	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C506,07	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C508	ECJ2XC1H471J	C 470PF, J, 50V	1	
C509	ECA1EHG101	E 100UF, 25V	1	
C510	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C511	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C512-14	ECJ2XC1H471J	C 470PF, J, 50V	3	
C515	F2A1A1220011	E 1200UF, 10V	1	
C516	ECJ2XB1C474K	C 0.47UF, Z, 16V	1	
C517	F2A1E221A096	E 220UF, 25V	1	
C518	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C519	F1J1C1050011	C 1UF, Z, 50V	1	
C520	ECWH8683RHV	P 0.068PF, J, 8KV	1	
C523	ECJ3YB1E105K	C 1UF, K, 25V	1	
C526	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C527	ECJ3YB1E475K	C 4.7UF, K, 25V	1	
C528,29	F1J1C1050011	C 1UF, Z, 50V	2	
C530	ECJ2VB1H333K	C 0.033UF, K, 50V	1	
C531	ECJ3YB1E105K	C 1UF, K, 25V	1	
C533	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C534	ECJ2XC1H471J	C 470PF, J, 50V	1	
C546,47	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C550	ECJ2XC1H331J	C 330PF, J, 50V	1	
C551,52	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C554	F1J1C1050011	C 1UF, Z, 50V	1	
C555	F2A2C471A119	E 470UF, 160V	1	⚠
C556,57	EEUFC1E152	E 1500UF, 25V	2	
C558	F2A1E471A096	E 470UF, 25V	1	
C559	F2A1A1220011	E 1200UF, 10V	1	
C562	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C571	ECJ2XC1H330J	C 33PF, J, 50V	1	
C574	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C577	F2A2A330A022	E 33UF, 100V	1	⚠
C581	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C583	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C584,85	ECJ2XB1H223K	C 0.022UF, K, 50V	2	
C587	ECJ2XB1H332K	C 3300PF, K, 50V	1	
C601	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C603	ECJ2FB1E105K	C 1UF, K, 25V	1	
C604,05	F2A2D1510008	E 150UF, 200V	2	⚠
C607	F1J1C1050011	C 1UF, Z, 50V	1	
C608	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C610	F1J1C1050011	C 1UF, Z, 50V	1	
C611	F2B2T1420003	E 142UF, 220V	1	⚠
C612,13	ECJ2XB1H103K	C 0.01UF, K, 50V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C615	F2B2T1420003	E 142UF, 220V	1	⚠
C616	F1A3A102A040	C 1000PF, J, 1KV	1	
C619	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C620	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C623	ECA1HM100	E 10UF, 50V	1	
C624	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C625	ECA1HM100	E 10UF, 50V	1	
C626	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C627	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C629-31	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C632	ECJ2XC1H331J	C 330PF, J, 50V	1	
C634	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C635	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C638,39	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C640	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C641	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C643	ECA1HM470	E 47UF, 50V	1	
C650	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C653	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C654	ECJ3YB1E105K	C 1UF, K, 25V	1	
C655,56	ECJ3YB1E225K	C 2.2UF, K, 25V	2	
C657	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C658	ECJ3YB1E105K	C 1UF, K, 25V	1	
C659	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C660	ECJ2FB1C225K	C 22UF, K, 16V	1	
C661,62	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
D401	B0FBCT000004	DIODE	1	⚠
D404	B0EBKT000007	DIODE	1	⚠
D407	MA111	DIODE	1	
D411	B0BB17000009	DIODE	1	
D412	B0HAMM000122	DIODE	1	
D415	B0JAME000099	DIODE	1	
D416	B0HAMP000067	DIODE	1	
D417	B0HAPR000013	DIODE	1	
D418	B0BC8R100013	DIODE	1	
D419,20	B0HAPR000013	DIODE	2	
D423	MA188	DIODE	1	
D425	MA188	DIODE	1	
D429	ERA15-10	DIODE	1	
D430	MA111	DIODE	1	
D431,32	B0JCDD000002	DIODE	2	
D433	B0BC01400033	DIODE	1	
D435	ERA15-10	DIODE	1	
D436-38	MA4200M	ZENER DIODE	3	
D441	B0HAMM000122	DIODE	1	
D444	B0HAMM000122	DIODE	1	
D445	MA4360H	ZENER DIODE	1	
D501	B0HAPR000012	DIODE	1	
D503,04	MA165	DIODE	2	
D505	B0JAME000099	DIODE	1	
D506	MAZ80470LL	ZENER DIODE	1	
D507,08	B0BC7R400023	DIODE	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D509	B0JANG000018	DIODE	1	
D511	B0JAML000011	DIODE	1	
D512,13	MA111	DIODE	2	
D514	B0BC6R100025	DIODE	1	
D515	B0BC3R200008	DIODE	1	
D516-18	MA4330M	ZENER DIODE	3	
D520	MA111	DIODE	1	
D521	B0JAME000099	DIODE	1	
D528,29	MA153	DIODE	2	
D530	B0BC9R900013	DIODE	1	
D531	B0HBSN000013	DIODE	1	
D535	MA188	DIODE	1	
D536	B0JBSG000026	DIODE	1	
D538	B0BC5R100039	DIODE	1	
D539,40	B0AARR000010	DIODE	2	
D542	MA4200M	ZENER DIODE	1	
D543	B0BC01400033	DIODE	1	
D544,45	MA4200M	ZENER DIODE	2	
D549	B0BC02500008	DIODE	1	
D551	B0BC01300033	DIODE	1	
D555	B0BC7R400023	DIODE	1	
D559	B0BC7R400023	DIODE	1	
D563	B0BC6R100025	DIODE	1	
D569-72	B0BC02500008	DIODE	4	
D574	MA165	DIODE	1	
D575	MA188	DIODE	1	
D579	MA165	DIODE	1	
D582	MAZ705600F	ZENER DIODE	1	
D585	B0BC7R400023	DIODE	1	
D586	B0HAMP000067	DIODE	1	
D587	MA188	DIODE	1	
D588	B0BC3R200008	DIODE	1	
D590	B0BC3R200008	DIODE	1	
D596	ERA15-10	DIODE	1	
D598	B0BC5R100039	DIODE	1	
D599	B0JCND000009	DIODE	1	
D600	B0BC7R400023	DIODE	1	
D601	B0BC5R100039	DIODE	1	
D602	B0BC8R100013	DIODE	1	
F410	K5G102B00020	FUSE	1	⚠
IC401	CNC1S171R	IC	1	⚠
IC402	C0DAEMB00004	IC	1	
IC403-05	CNC1S171R	IC	3	⚠
IC406	C0DAZZZ00021	IC	1	
IC408	CNC1S171R	IC	1	⚠
IC409	MIP2G40MPSCF	IC	1	⚠
IC410	CNC1S171R	IC	1	⚠
IC411	C0DAEMB00004	IC	1	
IC412	CNC1S171R	IC	1	⚠
IC501	C2ABDB000110	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC502	C0EBH0000210	IC	1	
IC504	C0DAEMB00004	IC	1	
IC505	CNC1S171R	IC	1	
IC506	C0ZBZ0000878	IC	1	
IC507	CNC1S171R	IC	1	
IC509	C0DABZZ00010	IC	1	
IC510	C0DBAZG00034	IC	1	
IC512	C0DAEMB00004	IC	1	
IC520	LSSK0062	IC	1	
L403	EXCELSA35	BEAD CHOKE	1	
L404,05	G0B123K00004	CHOKE COIL	2	⚠
L410	ELF17N004A	LINE FILTER	1	⚠
L510	EXCELDR25C	BEAD CHOKE	1	
L511	G0A470ZA0033	CHOKE COIL	1	
L512	ELESE4R7JA	PEAKING COIL	1	
L513	EXCELDR25C	BEAD CHOKE	1	
L514	G0A100GA0013	CHOKE COIL	1	
P2	K1KA02A00626	2P CONNECTOR	1	
P5	K1KA11AA0194	11P CONNECTOR	1	
P9	K1KA03A00537	3P CONNECTOR	1	
P10	K1KA06A00452	6P CONNECTOR	1	
P11	K1KA02A00626	2P CONNECTOR	1	
P12	K1KA10AA0194	10P CONNECTOR	1	
P23	K1KA03AA0193	3P CONNECTOR	1	
P25	K1KA20AA0178	20P CONNECTOR	1	
PMM1	TMM7464-2	CLAMPER	1	
PMM2,M3	TMME088	CLAMPER	2	
PMM4-M6	TMM7464-2	CLAMPER	3	
PMM7	TMME047	CLAMPER	1	
PR401	K5Y502BA0001	FUSE	1	⚠
PR505	K5H5022A0023	FUSE	1	⚠
PR509	ERBSE0R50U	FUSE	1	⚠
PR601	K5G312B00012	FUSE	1	⚠
Q401	B1CHND000004	TRANSISTOR	1	
Q402	B1DFDD000019	TRANSISTOR	1	
Q404	B1BCCF000022	TRANSISTOR	1	
Q406	B1DEKQ000003	TRANSISTOR	1	⚠
Q407	B1HFCFA00021	TRANSISTOR	1	
Q408,09	B1DHCD000034	TRANSISTOR	2	
Q412,13	B1DEGQ000070	TRANSISTOR	2	⚠
Q418	2SD1819A	TRANSISTOR	1	
Q420-22	2SD1819A	TRANSISTOR	3	
Q434	B1CEJQ000003	TRANSISTOR	1	
Q501,02	2SD1820A	TRANSISTOR	2	
Q505	B1CEJQ000002	TRANSISTOR	1	
Q507	B1DAGQ000013	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q508	B1HBCFA00033	TRANSISTOR	1	
Q509	B1HDCEA00001	TRANSISTOR	1	
Q510	B1DHBD000005	TRANSISTOR	1	
Q512	B1CBGD000001	FET	1	
Q517	B1HBCFA00033	TRANSISTOR	1	
Q520	B1HBCFA00033	TRANSISTOR	1	
Q521	B1CBGD000001	FET	1	
Q524	B1CFGF000008	TRANSISTOR	1	
Q525	B1CBGD000001	FET	1	
Q527	B1CERL000005	TRANSISTOR	1	
Q530	2SD1819A	TRANSISTOR	1	
Q535	2SD1819A	TRANSISTOR	1	
Q537	B1DFDD000019	TRANSISTOR	1	
Q538	B1CBGD000001	FET	1	
Q540	B1DHCD000034	TRANSISTOR	1	
Q541	B1CBGD000001	FET	1	
Q551	B1CBGD000001	FET	1	
Q553	2SD1819A	TRANSISTOR	1	
Q554	B1DHCD000034	TRANSISTOR	1	
Q555,56	B1DFGD000045	TRANSISTOR	2	
Q557-59	2SD1819A	TRANSISTOR	3	
Q561	2SD1819A	TRANSISTOR	1	
Q563	B1CFGF000008	TRANSISTOR	1	
Q564,65	2SB1218ARL	TRANSISTOR	2	
Q566	2SD1819A	TRANSISTOR	1	
Q568	B1CHGD000006	TRANSISTOR	1	
Q569	B1CBGD000001	FET	1	
R401	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R402	ERJ6GEYJ821	M 820 OHM,J,1/10W	1	
R403	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R404	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R406	ERX12SJ2R2V	M 2.2 OHM, J,1/2W	1	
R407	ERJ8ENF4303	M 43KOHM, 1/8W	1	
R410	D1F5100E0003	CHIP RESISTOR	1	⚠
R412	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R413	D1F5100E0003	CHIP RESISTOR	1	⚠
R414	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R415	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R416	ERJ6GEYJ305	M 3MOHM,J,1/10W	1	
R417	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R418	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R419	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R420	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R421	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R422	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R423	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R424	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R425	ERJ6ENF3902	M 39KOHM, 1/10W	1	
R426	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R427	ERJ8ENF4303	M 43KOHM, 1/8W	1	
R428	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R429	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R430	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R431	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R432	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R433	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R434	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R435	ERJ8ENF4303	M 43KOHM, 1/8W	1	
R436	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R437	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R438	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R439	ERG12SJ120	M 12 OHM, J,1/2W	1	
R440	ERJ8GEYJ474	M 470KOHM, J,1/8W	1	
R441,42	ERJ6EKF6803	M 680KOHM, 1/10W	2	
R443	EVMAASA00B23	CONTROL 2KOHMB	1	
R444	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R448,49	D0XGR08J0001	M 0.08OHM,J, 5W	2	
R450	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R451	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R452	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R453	ERJ6GEYJ305	M 3MOHM,J,1/10W	1	
R454	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R455	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R456	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R458	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R459	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R461	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R462	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R463	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R464	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R465	ERJ6ENF5603	M 560KOHM, 1/10W	1	
R467	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R471	ERJ8GEYJ332	M 3.3KOHM, J,1/8W	1	
R472,73	ERJ6ENF5603	M 560KOHM, 1/10W	2	
R475	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R476,77	ERJ14YJ181U	M 181 OHM, J,1/4W	2	
R478	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R480	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R482	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R483	D0BF225JA030	M 22MOHM,J,0.05W	1	⚠
R487	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R488	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R490,91	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R492	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R493	ERG12SJ120	M 12 OHM, J,1/2W	1	
R494-96	ERJ6ENF5603	M 560KOHM, 1/10W	3	
R497	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R498	ERG3SJ101	M 100 OHM, J, 3W	1	
R499	D0BF394JA029	M 390KOHM,J,0.05W	1	⚠
R501	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R502,03	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R504	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R505	ERJ8GEYJ330	M 33 OHM, J,1/8W	1	
R506	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R507	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R508	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R509-11	ERJ6GEYJ104	M 100KOHM,J,1/10W	3	
R512	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R513,14	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R515,16	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R518	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R519,20	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R521,22	ERJ8GEYJ100	M 10 OHM, J,1/8W	2	
R523	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R524	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R525	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R526,27	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R528	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R529	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R530	ERJ6RBD3302	M 33KOHM,F,1/10W	1	
R532	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R533	ERJ6GEYJ163	M 16KOHM,J,1/10W	1	
R534	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R535,36	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R537	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R538	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R539	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R540,41	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R542	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R543	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R544	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R545	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R546	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R547	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R548	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R549	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R550	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R551	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R552	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R553	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R554	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R555,56	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R557	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R558	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R559	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R560	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R561	ERJ6ENF5101	M 5.1KOHM, 1/10W	1	
R562	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R563	ERJ6GEYJ2R2	M 2.2 OHM,J,1/10W	1	
R564	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R565,66	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R567,68	ERJ8ENF1004	M 100KOHM, 1/8W	2	
R569	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R570	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R571	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R572,73	ERJ8ENF3900	M 390 OHM, 1/8W	2	
R574	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R575	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	

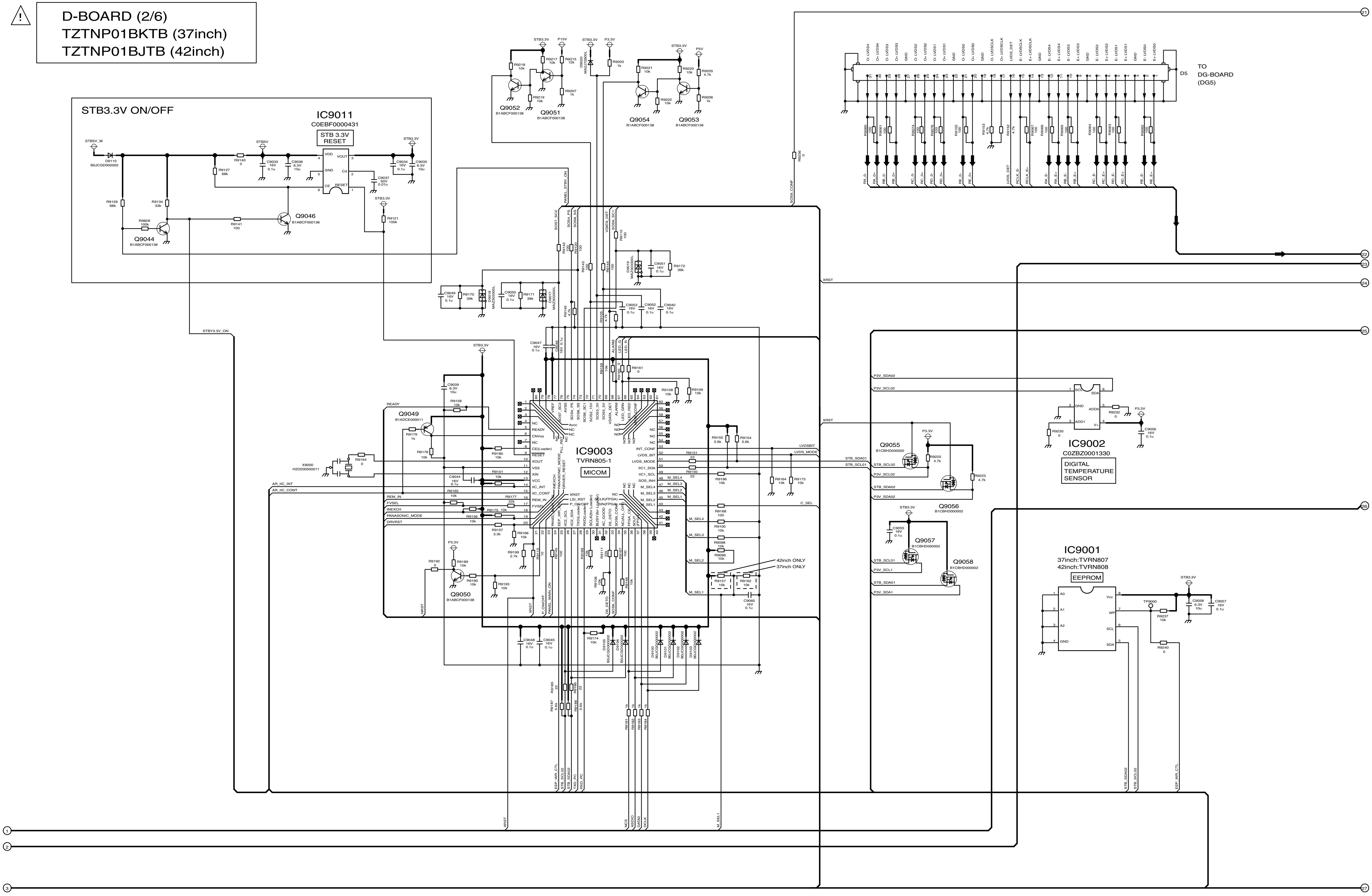
Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R576	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R577,78	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R579	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R580,81	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R582	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R583	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R584	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R585	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R586	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R587	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R588	ERJ8ENF3900	M 390 OHM, 1/8W	1	
R589,90	ERJ8GEYJ123	M 12KOHM, J,1/8W	2	
R591	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R592	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R593	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R594	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R595	ERJ8GEYJ222	M 2.2KOHM, J,1/8W	1	
R596	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R597,98	ERJ6ENF3302	M 33KOHM, 1/10W	2	
R599,00	ERJ8ENF3900	M 390 OHM, 1/8W	2	
R601	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R602	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R603	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R606	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R607	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R608	ERJ8GEYJ332	M 3.3KOHM, J,1/8W	1	
R609	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R610,11	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R612	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R613	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R614	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R615	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R616,17	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R618	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R619	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R620	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R621	ERJ8GEYJ123	M 12KOHM, J,1/8W	1	
R622	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R624	ERX2SJR22	M0.22 OHM, J, 2W	1	
R626	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R627	ERJ6GEYJ752	M 7.5KOHM,J,1/10W	1	
R628	EVMAASA00B33	CONTROL 3KOHMB	1	
R629	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R630	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R631	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R632	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R633	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R634	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R636	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R637	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R638	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R639,40	ERJ8RQJR39	M0.39 OHM, 1/8W	2	
R641	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R642-44	ERJ8RQJR39	M0.39 OHM, 1/8W	3	

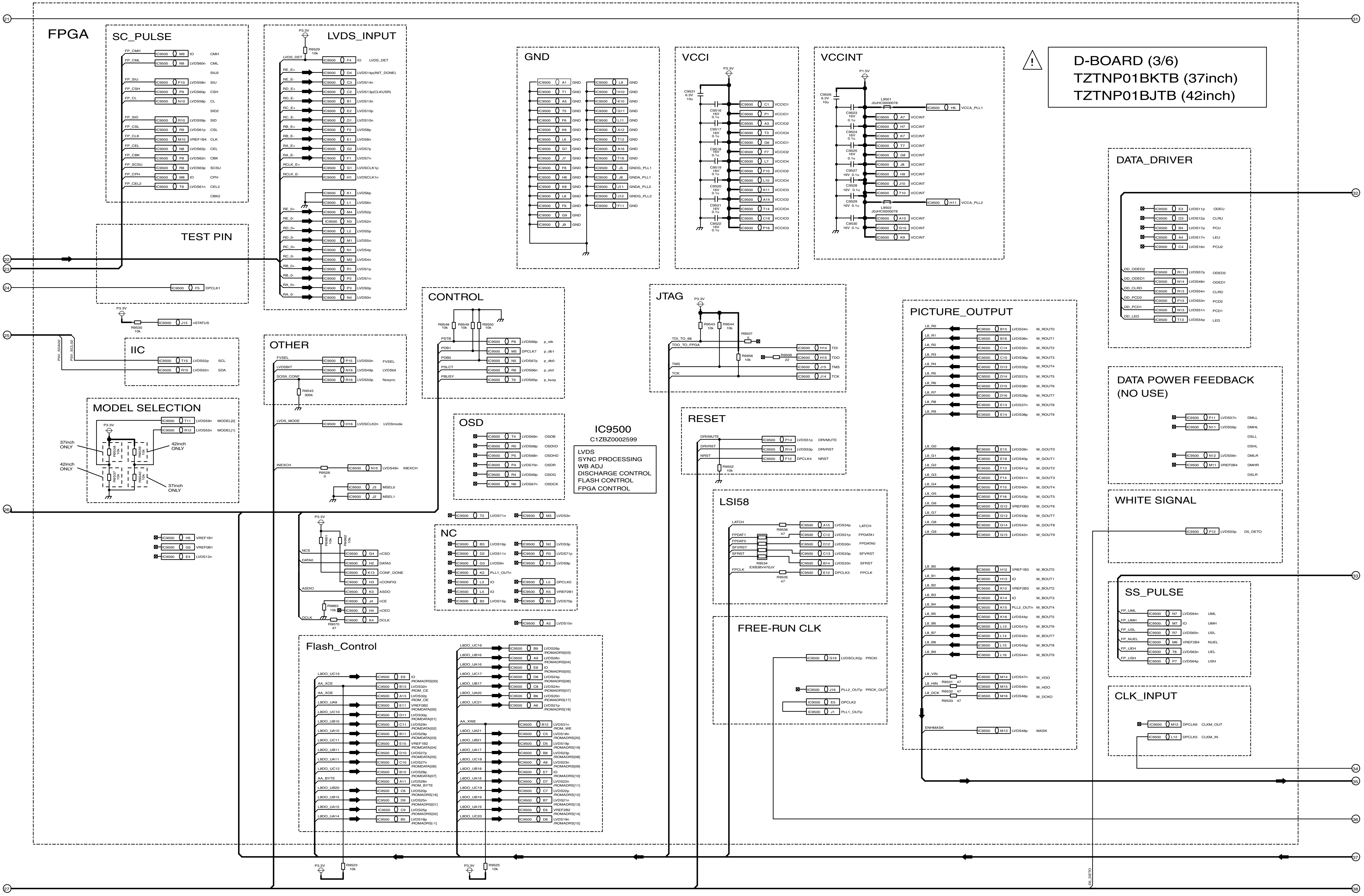
Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R645	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R646,47	ERJ8GEYJ223	M 22KOHM, J,1/8W	2	
R648	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R649	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R650	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R651,52	ERJ6ENF1002	M 10KOHM, 1/10W	2	
R653	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R654	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R655	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R656	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R657	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R658	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R659	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R660	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R661	EVMEASA00B53	CONTROL 5KOHMB 0.3W	1	
R662	ERJ6ENF1503	M 150KOHM, 1/10W	1	
R664	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R665	EVMEASA00B23	CONTROL 2KOHMB 0.3W	1	
R666	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R667,68	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R669	ERJ6ENF1303	M 130KOHM, 1/10W	1	
R670	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R671	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R672,73	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R674	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R675	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R676	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R677	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R678	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R679,80	ERJ8RSJR16V	M 16 OHM, 1/8W	2	
R682	ERJ6ENF2002	M 20KOHM, 1/10W	1	
R683	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R684	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R685,86	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R687	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R688,89	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R690	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R691	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R692	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R693	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R695	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R696	ERJ8GEYJ100	M 10 OHM, J,1/8W	1	
R697	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R698	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R699-08	ERJ8GEYJ105	M 1MOHM, J,1/8W	10	
R711	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R712	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R713	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R714	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R715	ERDS2TJ101	C 100 OHM, J,1/4W	1	
R921	ERJ6RBD3302	M 33KOHM,F,1/10W	1	
R922	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R931	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R932	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R933	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R935	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R936	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R937	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R938	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R939,40	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R943	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R945	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R946	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R947	ERJ8GEYJ331	M 330 OHM, J,1/8W	1	
R950	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R951,52	ERJ8GEYJ100	M 10 OHM, J,1/8W	2	
R953	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R955	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R956	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
RL402,03	TSEH8011	RELAY	2	⚠
S401,02	J0LT00000009	SWITCH	2	⚠
T401	G4D4A0000117	SWITCHING TRANSFORMER	1	
T402	G4D1A0000098	SWITCHING TRANSFORMER	1	⚠
T404	ETS42LA12GAD	SWITCHING TRANS	1	⚠
T407	ETQ11K5AZ	CHOKE TRANS	1	⚠
T410	ETS25AF115AH	SWITCHING TRANS	1	⚠
T601	G4D2A0000264	SWITCHING TRANS	1	
W9,10	J0JKB0000037	FLAT CORE	2	
X501	H2B400400021	CRYSTAL	1	
Z1,Z2	K4ZZ01000206	TERMINAL	2	
Z420	TMM23417	CLAMPER	2	
Z450-53	EYF52BCY	FUSE HOLDER	4	
ZN401	ERZVGED621T2	VARISTOR	1	⚠
ZN402	D4EAD7510001	VARISTOR	1	⚠
ZN404	ERZVGAD681T2	VARISTOR	1	⚠
ZN405-06	ERZVA7D511	VARISTOR	2	⚠

17. Schematic Diagram for printing with A4

⚠ D-BOARD (2/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)


STB3.3V ON/OFF
IC9011
C0EBF0000431
STB 3.3V
RESET
Q9044
B1ABCF000138
Q9046
B1ABCF000138
D9110
B0JCGD000002
STB5V_M
STB5V
STB3.3V
P15V
P3.3V
P5V
Q9052
B1ABCF000138
Q9051
B1ABCF000138
Q9054
B1ABCF000138
Q9053
B1ABCF000138
TO
DG-BOARD
(DG5)
D5
IC9003
TVRN805-1
MICOM
Q9049
B1ADCE000011
X9000
H2D200500011
Q9050
B1ABCF000138
READY
AR_IIC_INT
AR_IIC_CONT
REM_IN
FVSEL
INEXCH
PANASONIC_MODE
DRVRST
STBY3.3V_ON
XRST
LVDSBIT
LVDS_MODE
STB_SDA01
STB_SCL01
C_SEL
M_SEL4
M_SEL3
M_SEL2
M_SEL1
42inch ONLY
37inch ONLY
Q9055
B1CBHD000002
Q9056
B1CBHD000002
Q9057
B1CBHD000002
Q9058
B1CBHD000002
P3V_SDA02
P3V_SCL02
P3V_SCL1
P3V_SDA1
IC9002
C0ZBZ0001330
DIGITAL
TEMPERATURE
SENSOR
IC9001
37inch:TVRN807
42inch:TVRN808
EEPROM
TP9000
EEP_WR_CTL
STB_SDA02
STB_SCL02
XCS
RESVO
DATAO
DCLK
SOS9_CONF
21
22
23
24
25
26
27
1
2
3

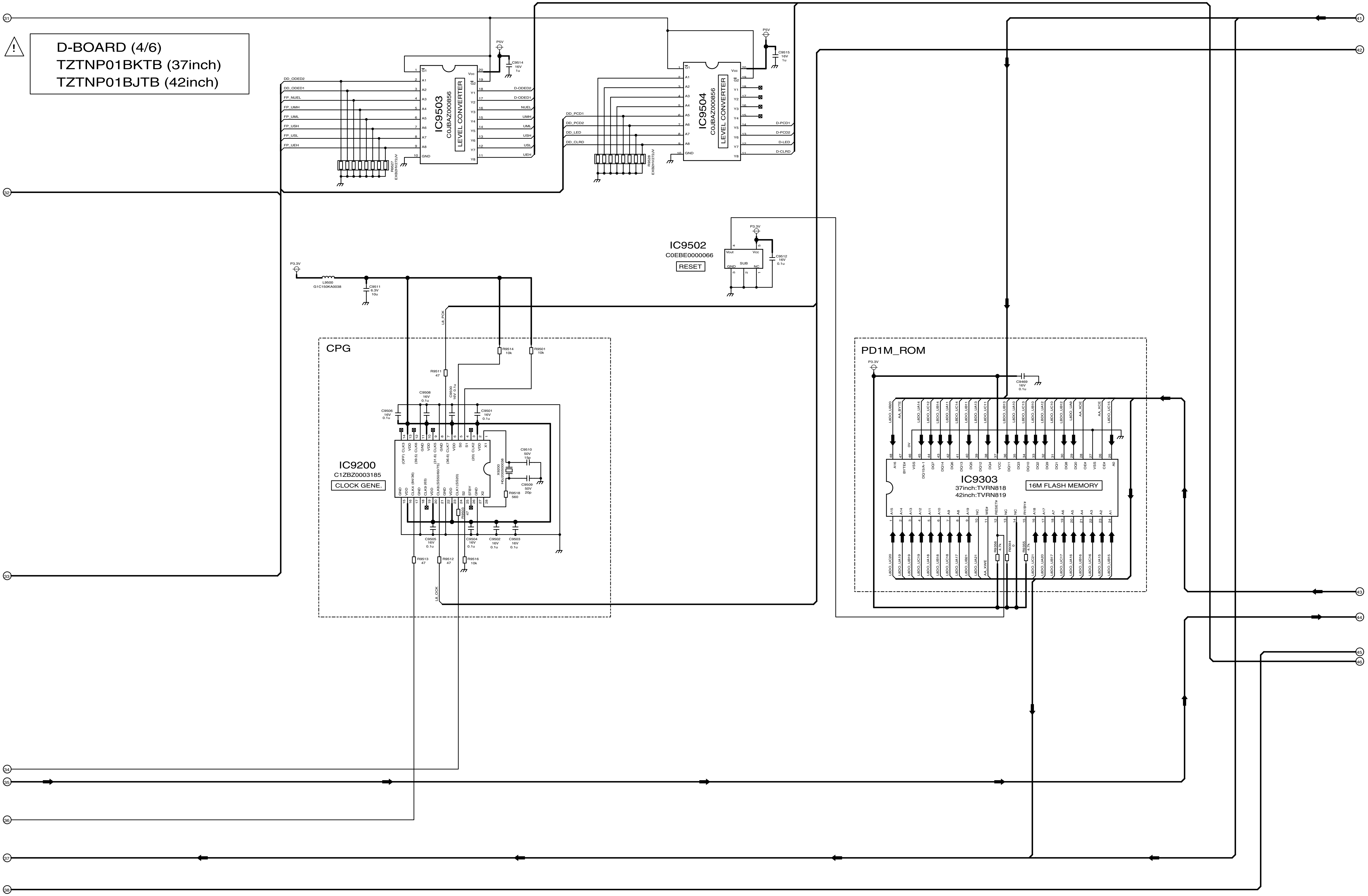


FPGA
D-BOARD (3/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)
SC_PULSE
LVDS_INPUT
GND
VCCI
VCCINT
TEST PIN
IIC
MODEL SELECTION
OTHER
CONTROL
JTAG
OSD
IC9500
C1ZBZ0002599
LVDS
SYNC PROCESSING
WB ADJ
DISCHARGE CONTROL
FLASH CONTROL
FPGA CONTROL
RESET
LSI58
FREE-RUN CLK
PICTURE_OUTPUT
DATA_DRIVER
DATA POWER FEEDBACK
(NO USE)
WHITE SIGNAL
SS_PULSE
CLK_INPUT
NC
Flash_Control
37inch ONLY
42inch ONLY

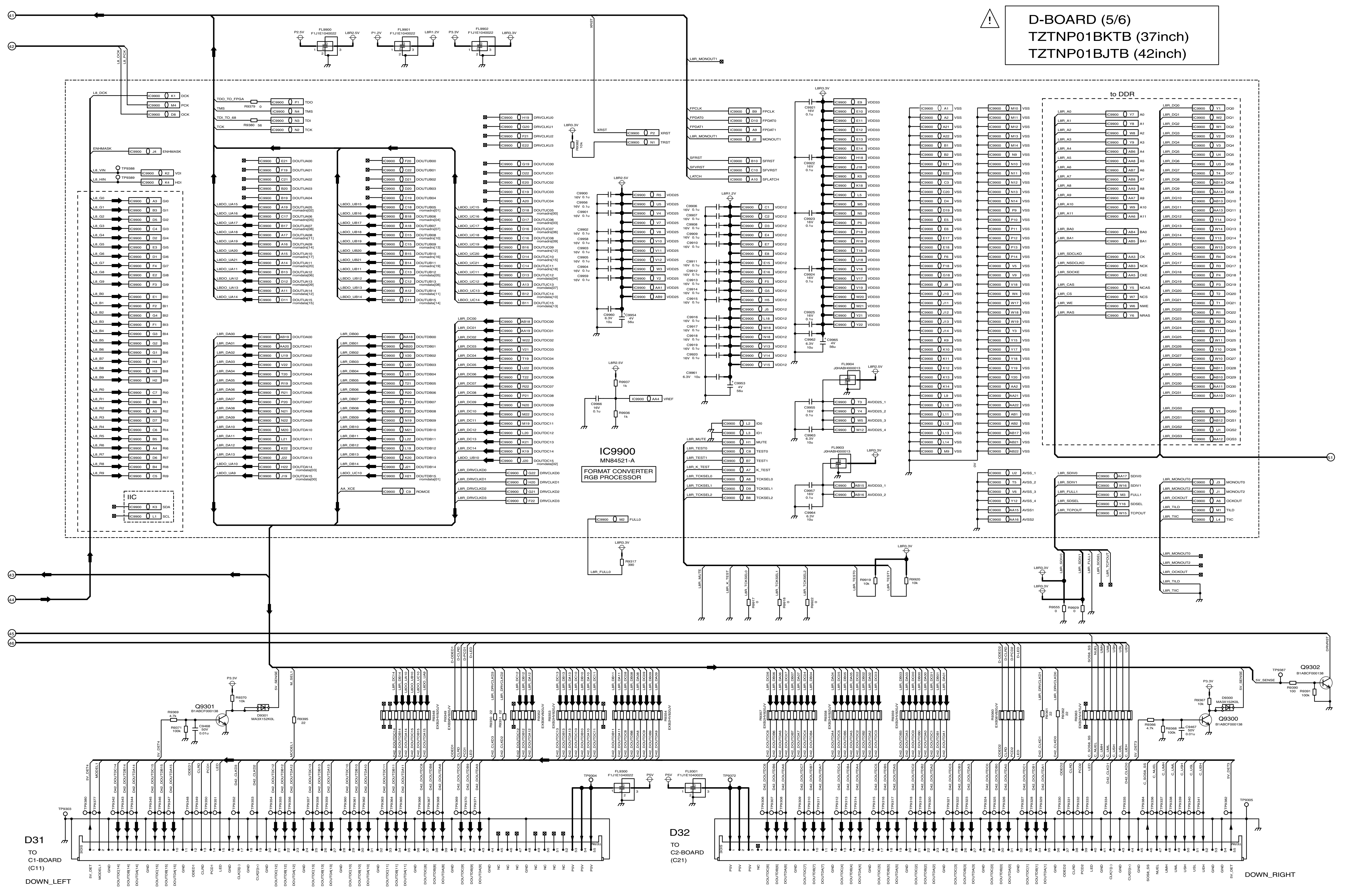
TH-37/42PV600E, TH-37/42PX600B
D-Board (3 of 6) Schematic Diagram

TH-37/42PV600E, TH-37/42PX600B
D-Board (3 of 6) Schematic Diagram

19 20 21 22 23 24 25 26 27


D-BOARD (4/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)
IC9503
C0JBAZ000856
LEVEL CONVERTER
IC9504
C0JBAZ000856
LEVEL CONVERTER
DD_ODED2
DD_ODED1
FP_NUEL
FP_UMH
FP_UML
FP_USH
FP_USL
FP_UEH
D-ODED2
D-ODED1
NUEL
UMH
UML
USH
USL
UEH
DD_PCD1
DD_PCD2
DD_LED
DD_CLRD
D-PCD1
D-PCD2
D-LED
D-CLRD
EXB2HV272JV
P5V
C9514
16V
1u
C9515
16V
1u
IC9502
C0EBE0000066
RESET
P3.3V
C9512
16V
0.1u
Vout
Vcc
GND
SUB
NC
L9500
G1C150KA0038
C9511
6.3V
10u
CPG
IC9200
C1ZBZ0003185
CLOCK GENE.
L8_PCK
L8_OCK
R9511
47
R9514
10k
R9501
10k
R9512
47
R9513
47
R9516
10k
R9518
560
C9506
C9508
C9500
C9501
C9502
C9503
C9504
C9505
C9509
C9510
X9200
PD1M_ROM
IC9303
37inch:TVRN818
42inch:TVRN819
16M FLASH MEMORY
C9469
16V
0.1u
R9304
R9305
R9306
4.7k
31
32
33
34
35
36
37
38
41
42
43
44
45
46

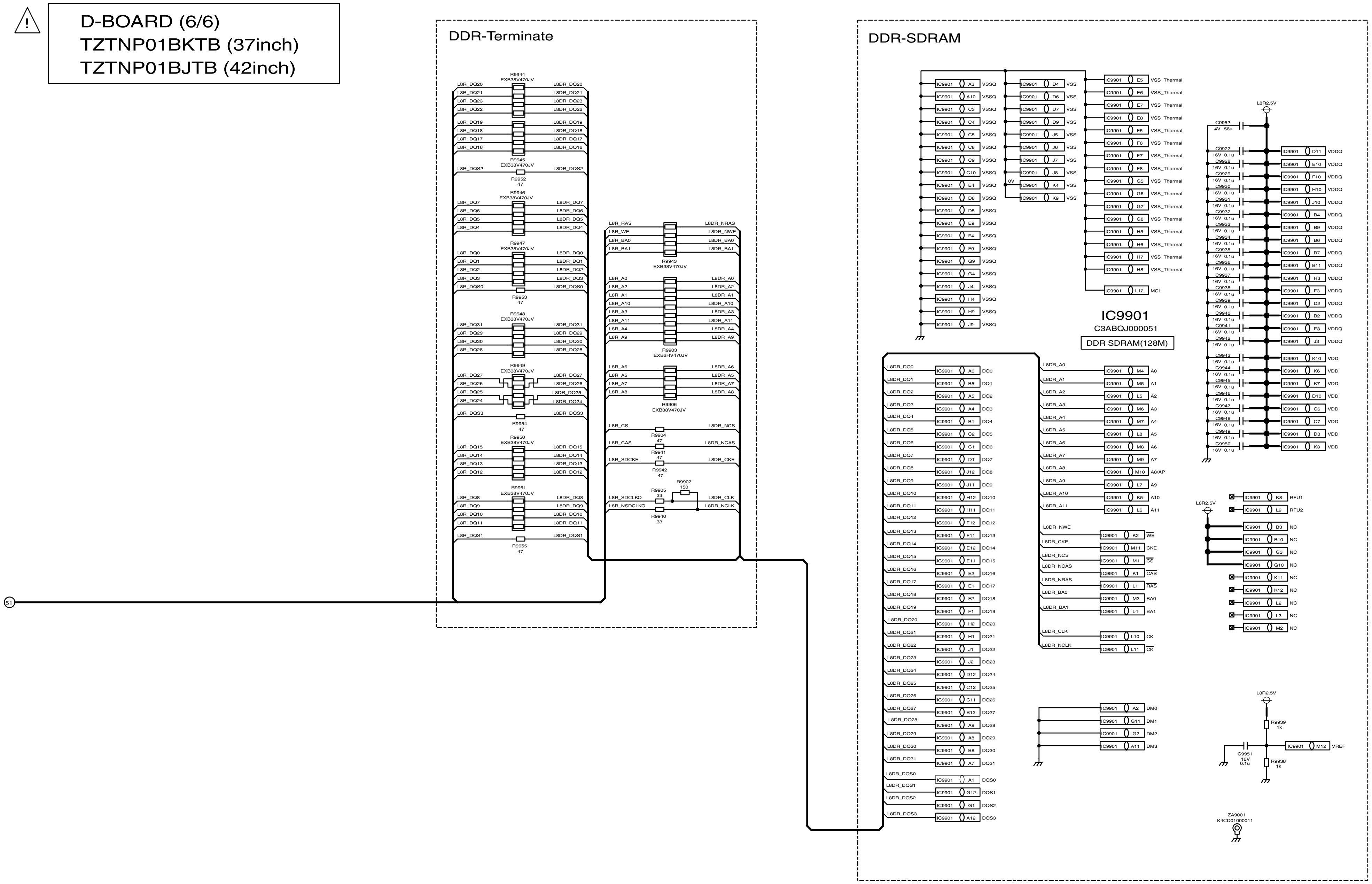
D-BOARD (5/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)

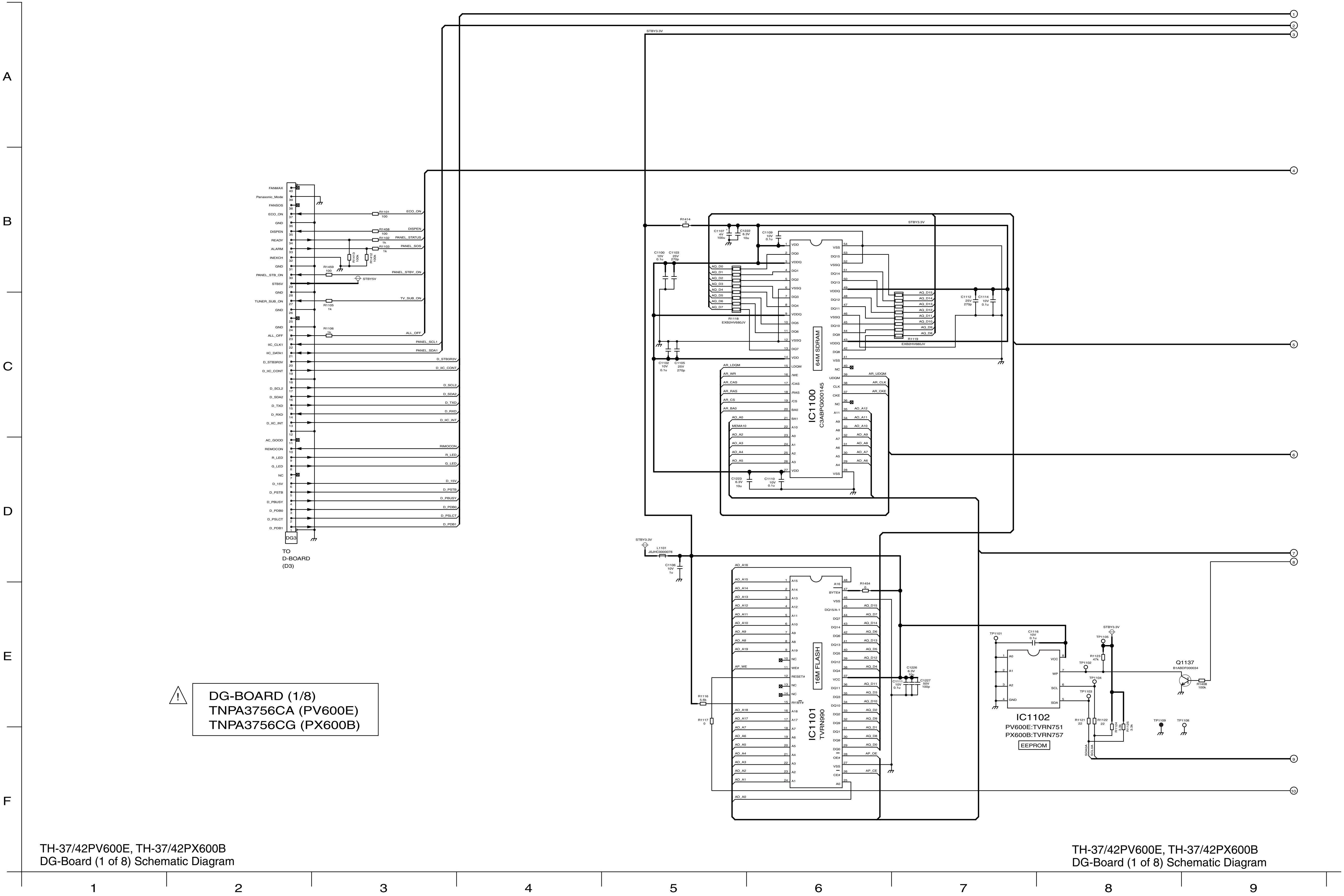

IC9900
MN84521-A
FORMAT CONVERTER
RGB PROCESSOR
to DDR
IIC
FL9900
FL9901
FL9902
FL9903
FL9904
FL9300
FL9301
Q9300
Q9301
Q9302
D31
TO
C1-BOARD
(C11)
DOWN_LEFT
D32
TO
C2-BOARD
(C21)
DOWN_RIGHT
41
42
43
44
45
46
51

TH-37/42PV600E, TH-37/42PX600B D-Board (5 of 6) Schematic Diagram

TH-37/42PV600E, TH-37/42PX600B D-Board (5 of 6) Schematic Diagram

D-BOARD (6/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)

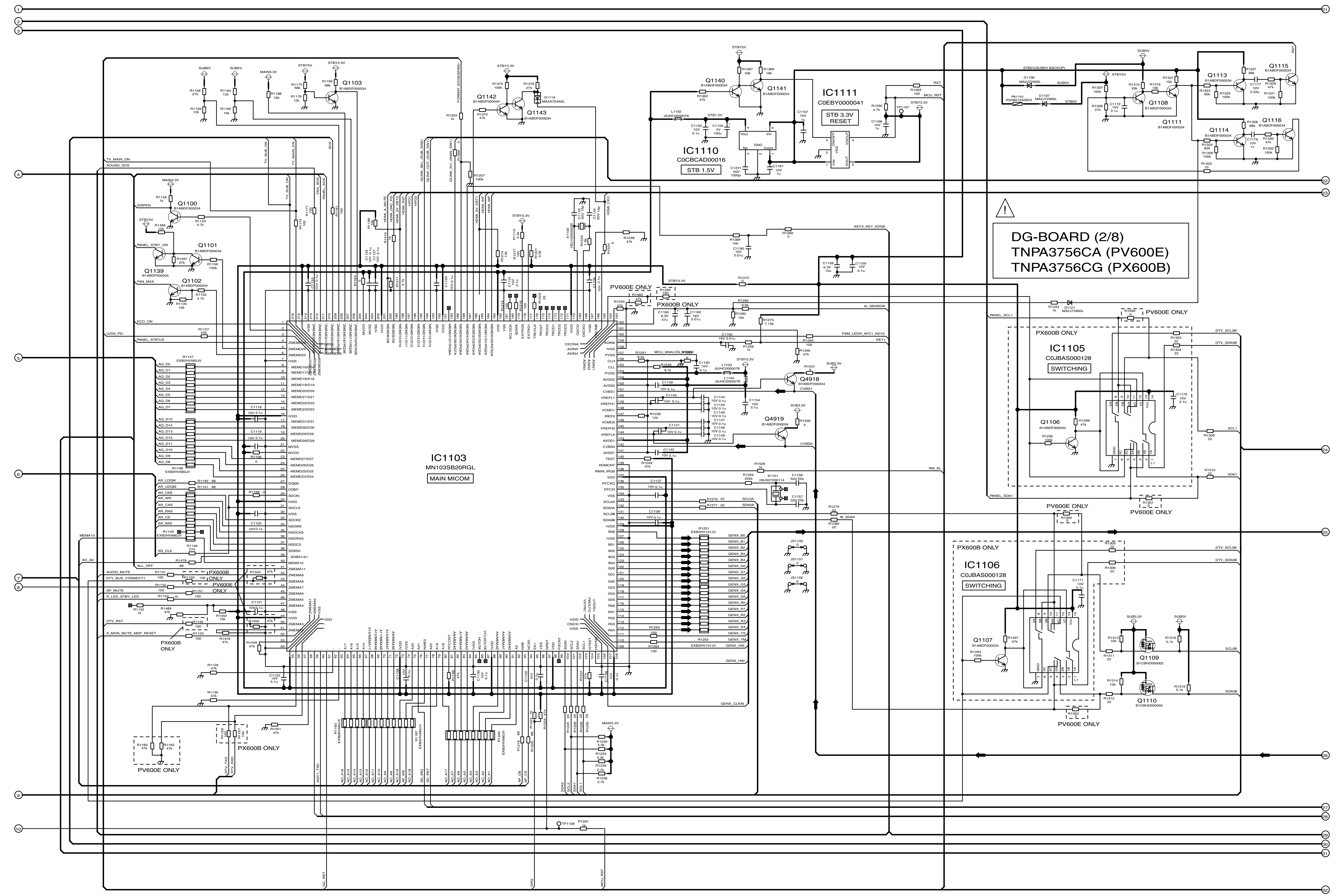

DDR-Terminate
DDR-SDRAM
IC9901
C3ABQJ000051
DDR SDRAM(128M)
L8R2.5V
ZA9001
K4CD01000011
S1


A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
①
②
③
④
⑤
⑥
⑦
⑧
⑨
⑩
STBY3.3V
FANMAX
Panasonic_Mode
FANSOS
ECO_ON
GND
DISPEN
READY
ALARM
INEXCH
GND
PANEL_STB_ON
STB5V
GND
TUNER_SUB_ON
GND
GND
ALL_OFF
IIC_CLK1
IIC_DATA1
D_STB3R3V
D_IIC_CONT
D_SCL2
D_SDA2
D_TXD
D_RXD
D_IIC_INT
AC_GOOD
REMOCON
R_LED
G_LED
NC
D_15V
D_PSTB
D_PBUSY
D_PDB0
D_PSLCT
D_PDB1
DG3
TO
D-BOARD
(D3)
R1101 100
R1458 100
R1102 1k
R1103 1k
R1413 100k
R1412 100k
R1459 100
R1105 1k
R1106 1k
STBY5V
ECO_ON
DISPEN
PANEL_STATUS
PANEL_SOS
PANEL_STBY_ON
TV_SUB_ON
ALL_OFF
PANEL_SCL1
PANEL_SDA1
RIMOCON
R_LED
G_LED
R1414 0
C1107 4V 100u
C1222 6.3V 10u
C1109 10V 0.1u
C1100 10V 0.1u
C1103 25V 270p
C1102 10V 0.1u
C1105 25V 270p
C1112 25V 270p
C1114 10V 0.1u
C1223 6.3V 10u
C1110 10V 0.1u
R1118 EXB2HV680JV
R1119 EXB2HV680JV
64M SDRAM
IC1100
C3ABPG000145
AR_LDQM
AR_WR
AR_CAS
AR_RAS
AR_CS
AR_BA0
AR_UDQM
AR_CLK
AR_CKE
STBY3.3V
L1101 J0JHC0000078
C1106 10V 1u
16M FLASH
IC1101
TVRN990
R1454 0
R1116 5.6k
R1117 0
C1226 6.3V 10u
C1111 10V 0.1u
C1227 50V 100p
AP_WE
AP_OE
AP_CE
TP1101
C1116 10V 0.1u
TP1105
STBY3.3V
R1123 47k
TP1102
TP1104
TP1103
IC1102
PV600E:TVRN751
PX600B:TVRN757
EEPROM
R1121 22
R1122 22
R1124 3.3k
R1125 3.3k
TP1109
TP1108
Q1137
B1ABDF000034
R1408 100k
SDA0A
SCL0A

DG-BOARD (1/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)

TH-37/42PV600E, TH-37/42PX600B
DG-Board (1 of 8) Schematic Diagram

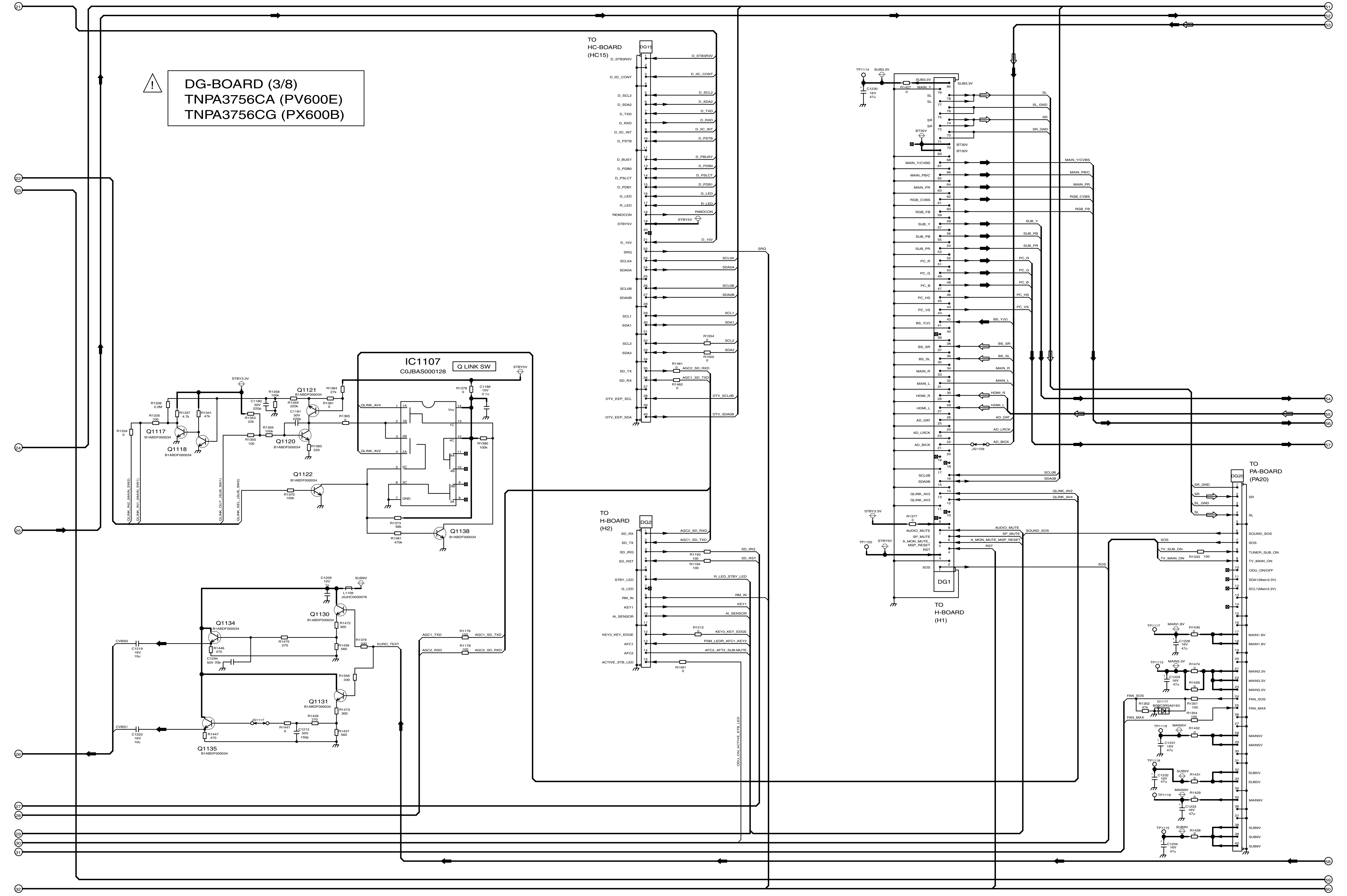
TH-37/42PV600E, TH-37/42PX600B
DG-Board (1 of 8) Schematic Diagram


DG-BOARD (2/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)
IC1103
MN103SB20RGL
MAIN MICOM
IC1110
C0CBCAD00016
STB 1.5V
IC1111
C0EBY0000041
STB 3.3V
RESET
IC1105
C0JBAS000128
SWITCHING
IC1106
C0JBAS000128
SWITCHING
PV600E ONLY
PX600B ONLY
Q1100
Q1101
Q1102
Q1103
Q1106
Q1107
Q1108
Q1109
Q1110
Q1111
Q1113
Q1114
Q1115
Q1116
Q1139
Q1140
Q1141
Q1142
Q1143
Q4918
Q4919
B1ABDF000034
B1CBHD000002
X1100
X1101
TV_MAIN_ON
SOUND_SOS
DISPEN
PANEL_STBY_ON
FAN_MAX
ECO_ON
LVDS_PD
PANEL_STATUS
MEMA10
AO_A0
ALL_OFF
AUDIO_MUTE
DTV_BUS_CONNECT1
SP_MUTE
R_LED_STBY_LED
DTV_RST
A_MON_MUTE_MSP_RESET
KEY3_KEY_EDGE
AI_SENSOR
PSM_LEDR_AFC1_KEY2
KEY1
RM_IN
M_SDA0
GENX_HIN
GENX_CLKIN
PANEL_SCL1
PANEL_SDA1
DTV_SCL0B
DTV_SDA0B
SCL1
SDA1
SCL0B
SDA0B
RST
MCU_RST
STBY3.3V
STBY5V
SUB5V
SUB3.3V
MAIN3.3V
STB5V(SUB5V BACKUP)
TP1106
TP1107
1
2
3
4
5
6
7
8
9
10
21
22
23
24
25
26
27
28
29
30
31
32

TH-37/42PV600E, TH-37/42PX600B DG-Board (2 of 8) Schematic Diagram

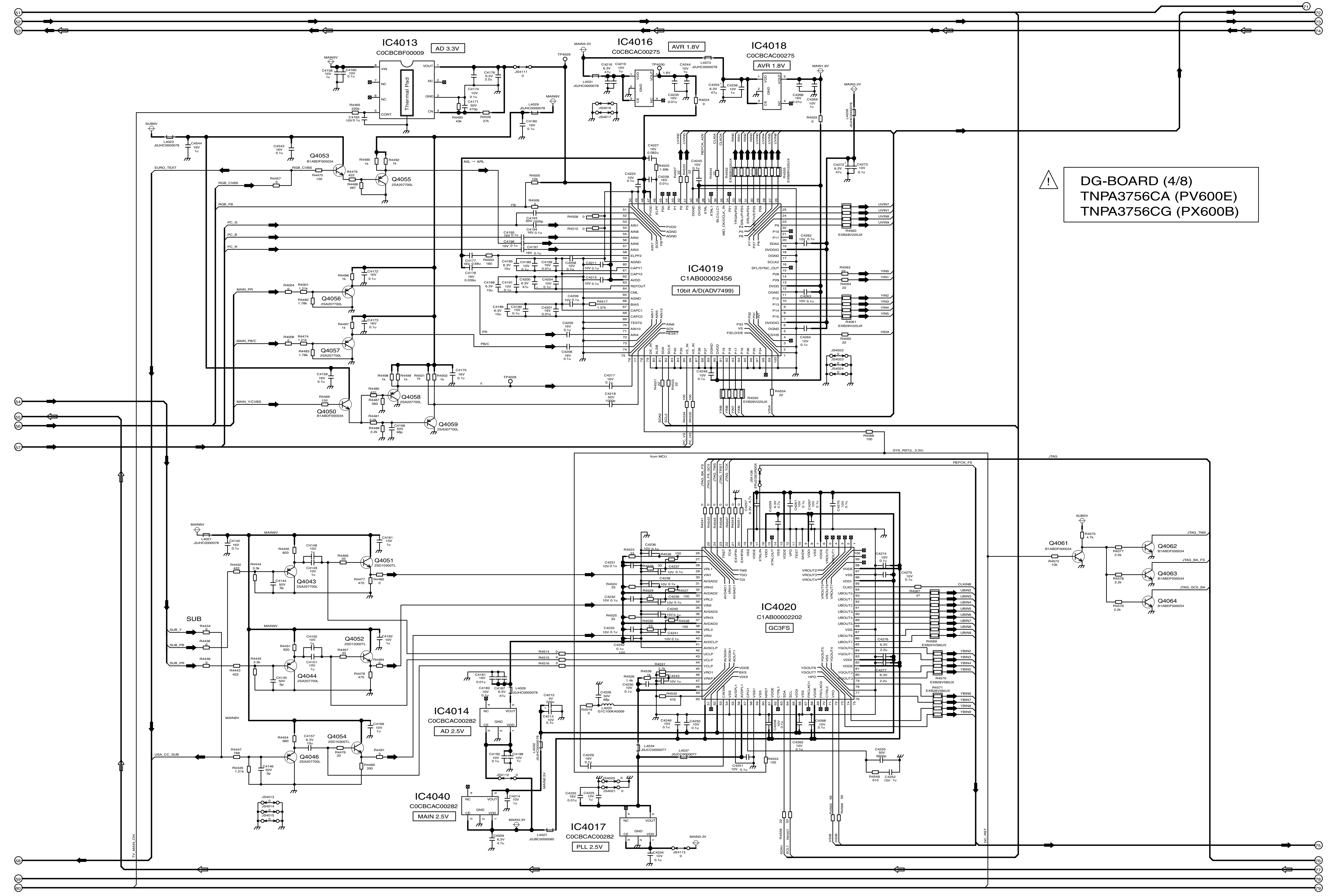
TH-37/42PV600E, TH-37/42PX600B DG-Board (2 of 8) Schematic Diagram

10 11 12 13 14 15 16 17 18


DG-BOARD (3/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)
IC1107
C0JBAS000128
Q LINK SW
Q1117
Q1118
Q1120
Q1121
Q1122
Q1138
Q1130
Q1131
Q1134
Q1135
TO HC-BOARD (HC15)
DG15
TO H-BOARD (H2)
DG2
TO H-BOARD (H1)
DG1
TO PA-BOARD (PA20)
DG20
EURO_TEXT
CVBS0
CVBS1
19
20
21
22
23
24
25
26
27

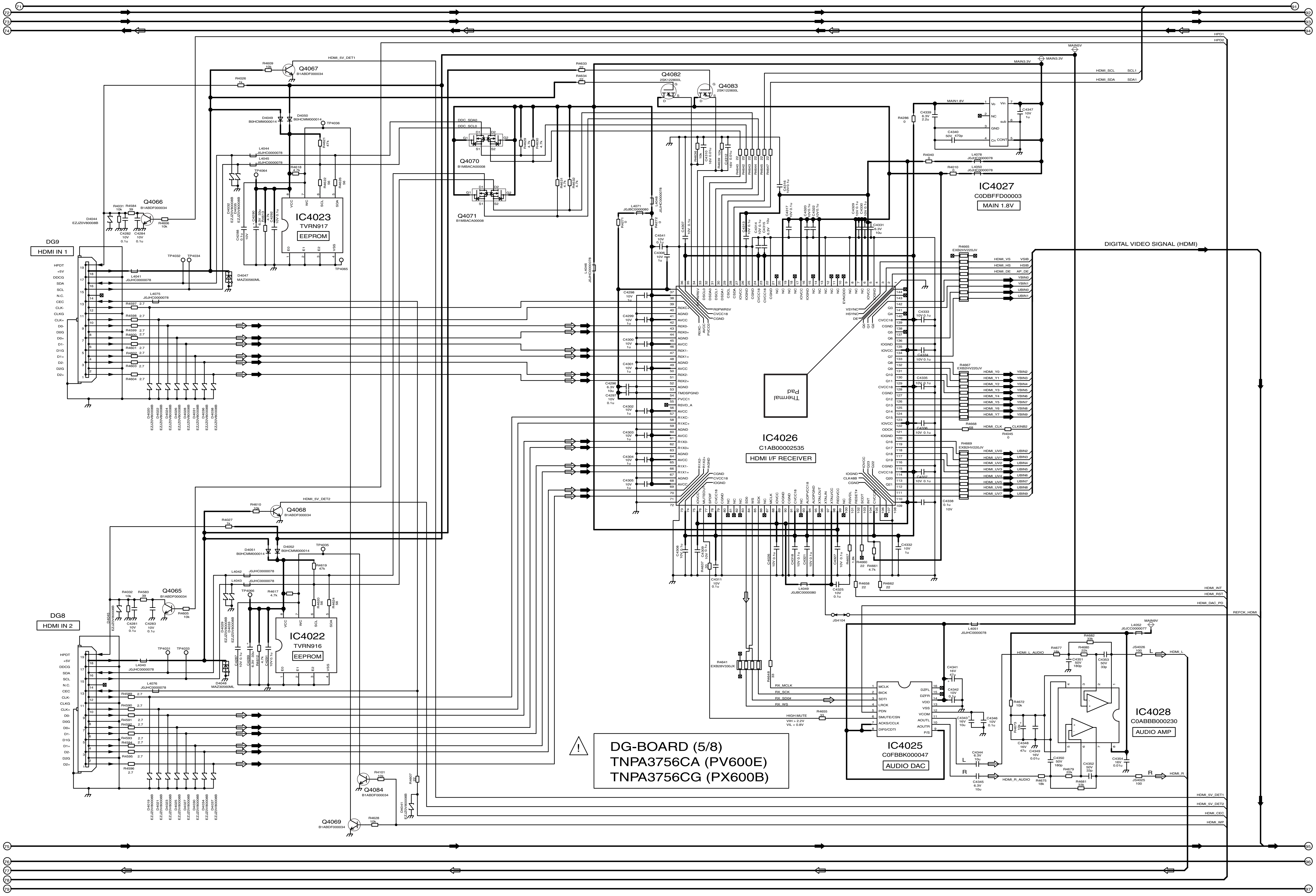
TH-37/42PV600E, TH-37/42PX600B DG-Board (3 of 8) Schematic Diagram

TH-37/42PV600E, TH-37/42PX600B DG-Board (3 of 8) Schematic Diagram


DG-BOARD (4/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)
IC4013
C0CBCBF00009
AD 3.3V
Thermal Pad
IC4016
C0CBCAC00275
AVR 1.8V
IC4018
C0CBCAC00275
AVR 1.8V
IC4019
C1AB00002456
10bit A/D(ADV7499)
IC4020
C1AB00002202
GC3FS
IC4014
C0CBCAC00282
AD 2.5V
IC4040
C0CBCAC00282
MAIN 2.5V
IC4017
C0CBCAC00282
PLL 2.5V
SUB
Q4053
Q4055
Q4056
Q4057
Q4058
Q4050
Q4059
Q4051
Q4043
Q4052
Q4044
Q4054
Q4046
Q4061
Q4062
Q4063
Q4064
SUB9V
MAIN9V
MAIN5V
MAIN3.3V
MAIN1.8V
SUB5V
EURO_TEXT
RGB_CVBS
RGB_FB
PC_G
PC_B
PC_R
MAIN_PR
MAIN_PB/C
MAIN_Y/CVBS
SUB_Y
SUB_PB
SUB_PR
USA_CC_SUB
TV_MAIN_ON
JTAG
JTAG_TMS
JTAG_BA_FS
JTAG_GC5_BA
SYS_RST(L_3.3V)
REFCK_FS
from MCU
UVIN7
UVIN1
UVIN8
UVIN9
YIN0
YIN1
YIN2
YIN3
YIN4
YIN5
HSIA
CLKIN8
UBIN2
UBIN3
UBIN4
UBIN5
UBIN6
UBIN7
UBIN8
UBIN9
YBIN2
YBIN3
YBIN4
YBIN5
YBIN6
YBIN7
YBIN8
YBIN9
GC_RST
28
29
30
31
32
33
34
35
36

TH-37/42PV600E, TH-37/42PX600B DG-Board (4 of 8) Schematic Diagram

TH-37/42PV600E, TH-37/42PX600B DG-Board (4 of 8) Schematic Diagram

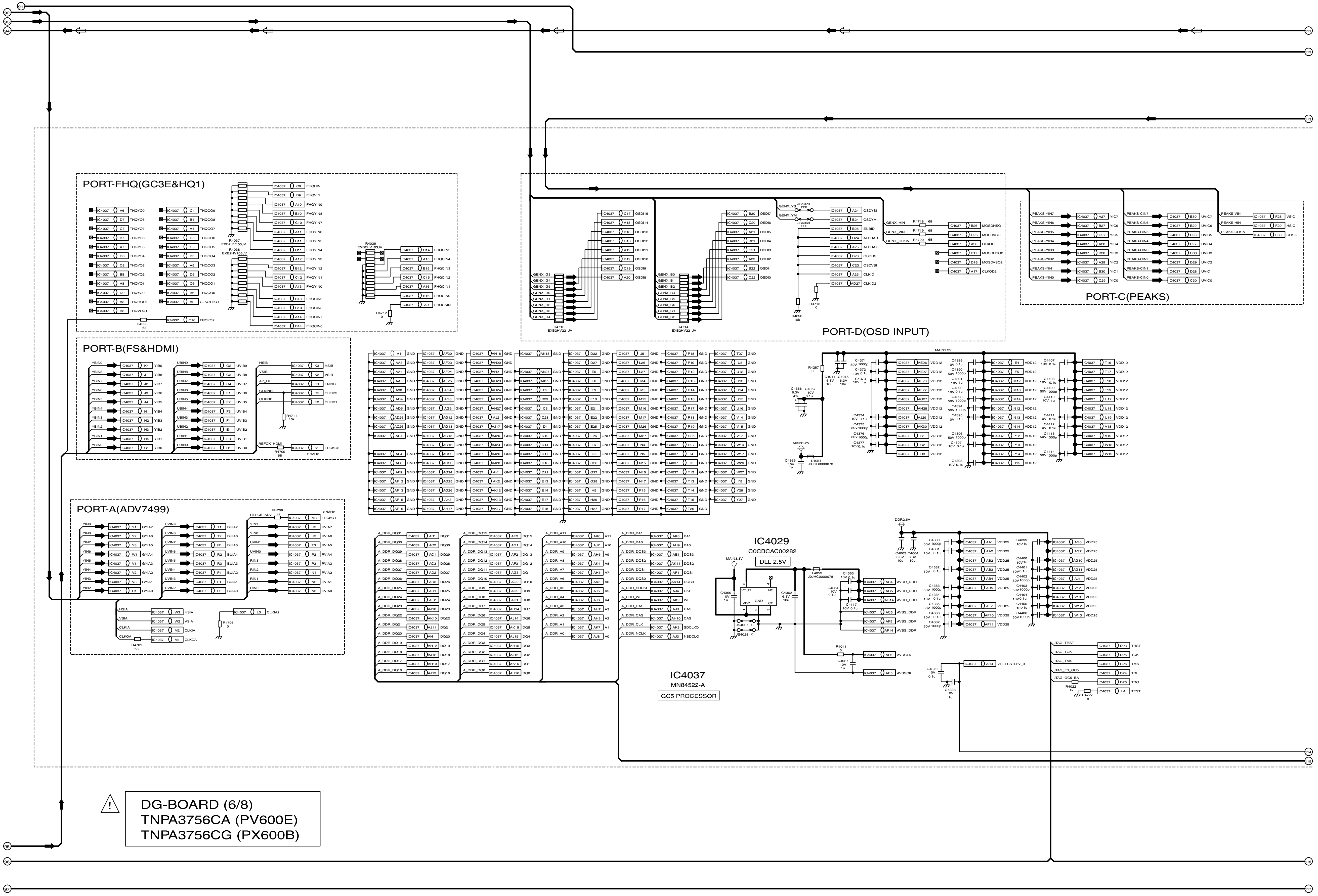


DG-BOARD (5/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)
DG9
HDMI IN 1
DG8
HDMI IN 2
HPDT
+5V
DDCG
SDA
SCL
N.C.
CEC
CLK-
CLKG
CLK+
D0-
D0G
D0+
D1-
D1G
D1+
D2-
D2G
D2+
IC4023
TVRN917
EEPROM
IC4022
TVRN916
EEPROM
Q4066
Q4067
Q4065
Q4068
Q4070
Q4071
Q4082
Q4083
Q4084
Q4069
HDMI_5V_DET1
HDMI_5V_DET2
IC4026
C1AB00002535
HDMI I/F RECEIVER
Thermal Pad
IC4027
C0DBFFD00003
MAIN 1.8V
MAIN5V
MAIN3.3V
MAIN1.8V
MAIN9V
HDMI_SCL
HDMI_SDA
SCL1
SDA1
HPD1
HPD2
DIGITAL VIDEO SIGNAL (HDMI)
HDMI_VS
HDMI_HS
HDMI_DE
VSIB
HSIB
AP_DE
YBIN0
YBIN1
YBIN2
YBIN3
YBIN4
YBIN5
YBIN6
YBIN7
YBIN8
YBIN9
HDMI_CLK
CLKINB2
UBIN2
UBIN3
UBIN4
UBIN5
UBIN6
UBIN7
UBIN8
UBIN9
HDMI_INT
HDMI_RST
HDMI_DAC_PD
REFCK_HDMI
IC4025
C0FBBK000047
AUDIO DAC
IC4028
C0ABBB000230
AUDIO AMP
RX_MCLK
RX_SCK
RX_SD0
RX_WS
HDMI_L_AUDIO
HDMI_R_AUDIO
HDMI_L
HDMI_R
HDMI_CEC
HDMI_WP

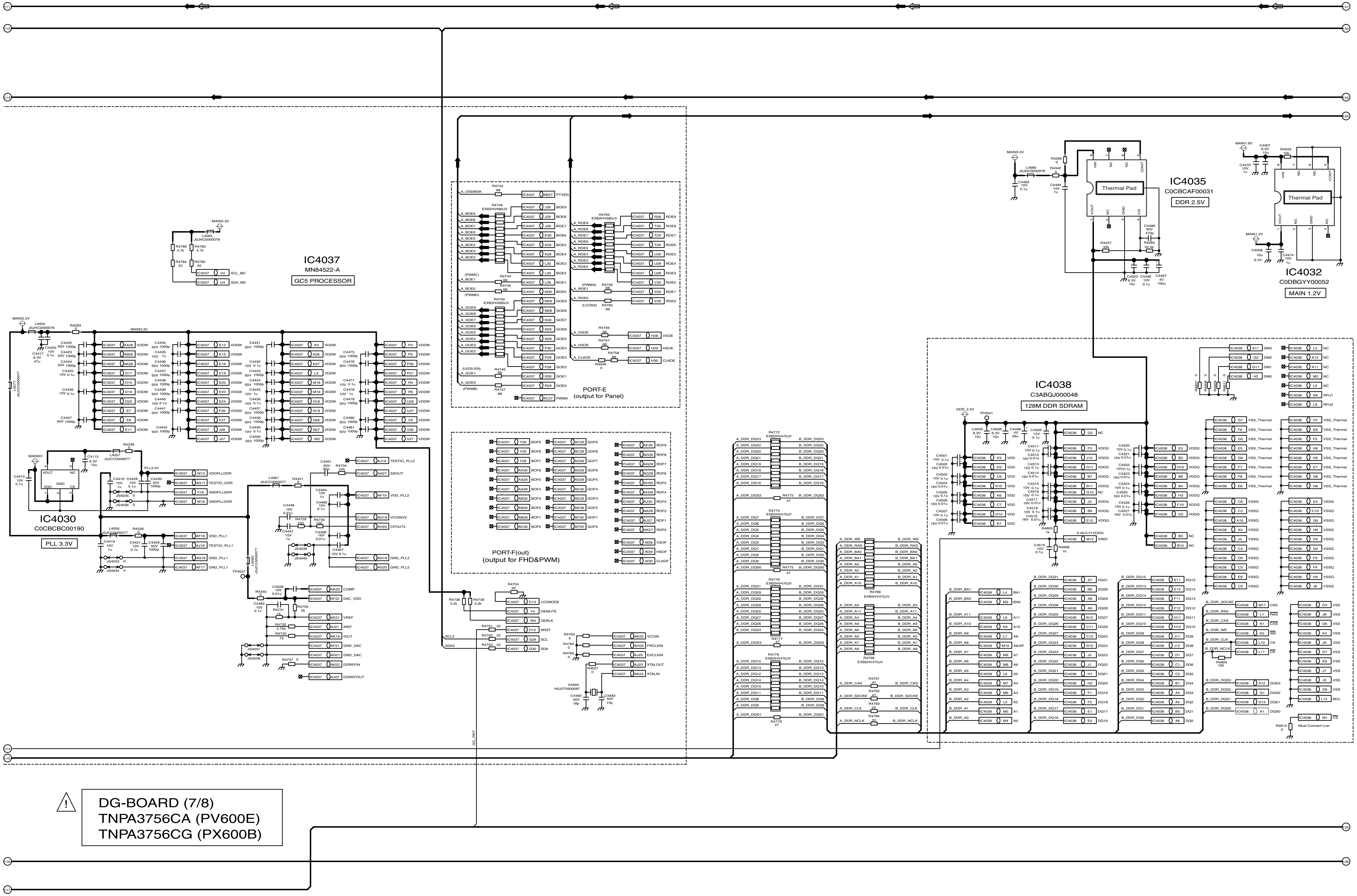
TH-37/42PV600E, TH-37/42PX600B DG-Board (5 of 8) Schematic Diagram

TH-37/42PV600E, TH-37/42PX600B DG-Board (5 of 8) Schematic Diagram

37 38 39 40 41 42 43 44 45


PORT-FHQ(GC3E&HQ1)
PORT-B(FS&HDMI)
PORT-A(ADV7499)
PORT-D(OSD INPUT)
PORT-C(PEAKS)
IC4029
C0CBCAC00282
DLL 2.5V
IC4037
MN84522-A
GC5 PROCESSOR
MAIN1.2V
MAIN3.3V
DDR2.5V

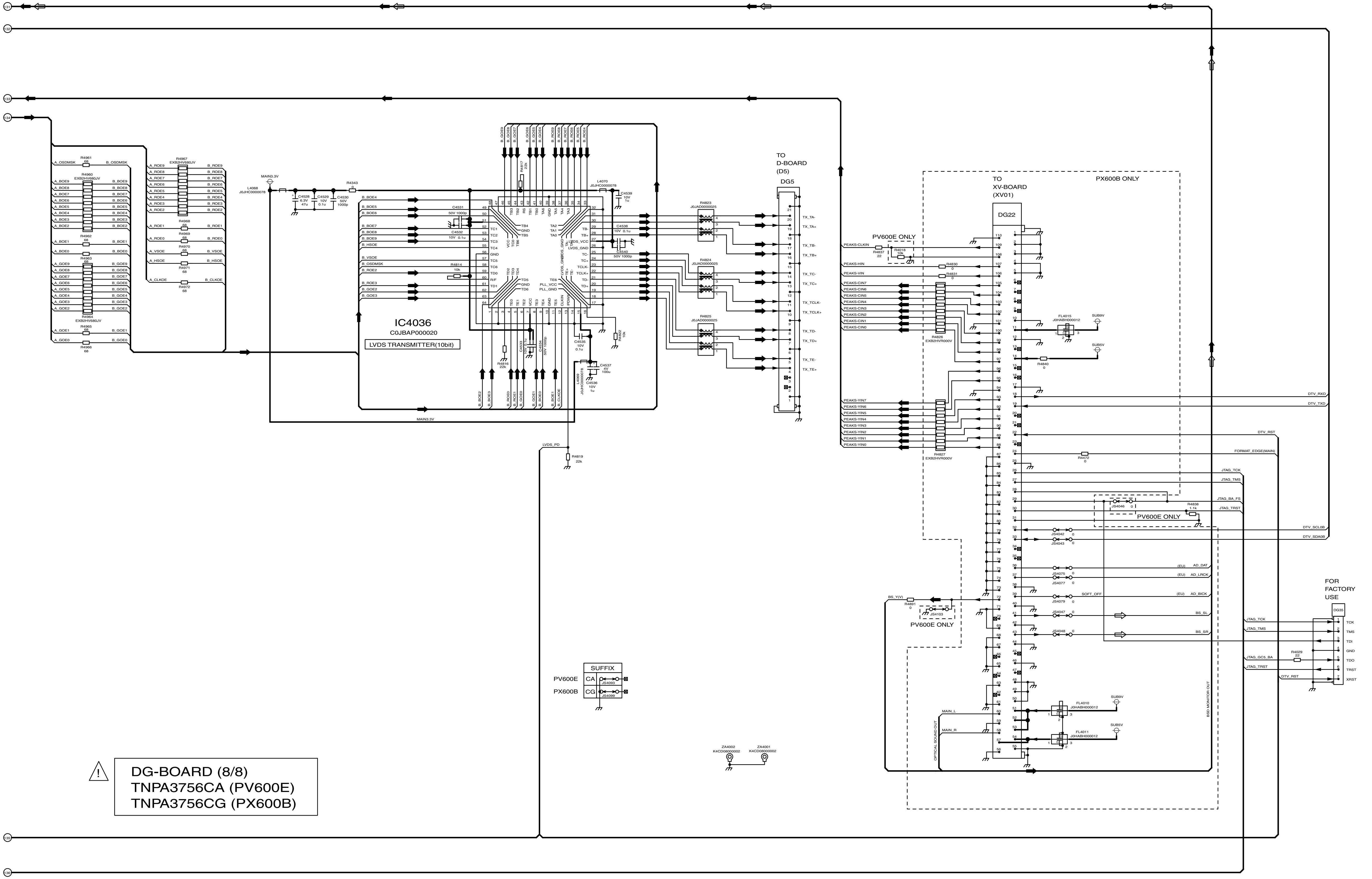
DG-BOARD (6/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)


IC4037
MN84522-A
GC5 PROCESSOR
IC4030
C0CBCBC00190
PLL 3.3V
PORT-E
(output for Panel)
PORT-F(out)
(output for FHD&PWM)
IC4035
C0CBCAF00031
DDR 2.5V
Thermal Pad
IC4032
C0DBGYY00052
MAIN 1.2V
IC4038
C3ABQJ000048
128M DDR SDRAM

DG-BOARD (7/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)

TH-37/42PV600E, TH-37/42PX600B DG-Board (7 of 8) Schematic Diagram

TH-37/42PV600E, TH-37/42PX600B DG-Board (7 of 8) Schematic Diagram

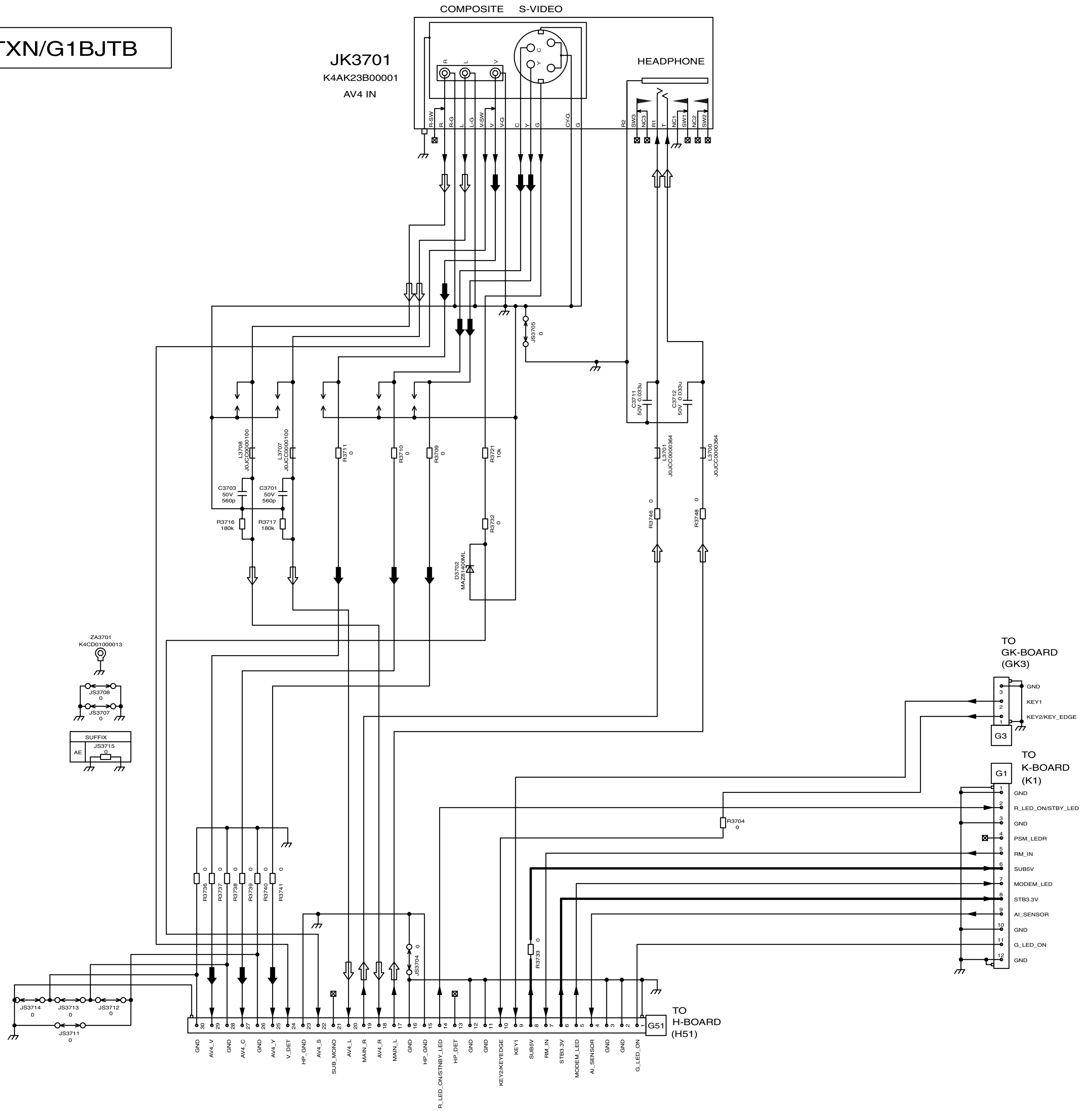


DG-BOARD (8/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)
IC4036
C0JBAP000020
LVDS TRANSMITTER(10bit)
TO
D-BOARD
(D5)
DG5
TO
XV-BOARD
(XV01)
DG22
PX600B ONLY
PV600E ONLY
FOR
FACTORY
USE
DG35
SUFFIX
PV600E
CA
PX600B
CG
JS4093
JS4099
MAIN3.3V
L4068
L4070
R4343
C4528
C4529
C4530
C4531
C4532
C4538
C4539
C4540
R4814
R4816
R4817
R4819
LVDS_PD
R4823
R4824
R4825
TX_TA-
TX_TA+
TX_TB-
TX_TB+
TX_TC-
TX_TC+
TX_TCLK-
TX_TCLK+
TX_TD-
TX_TD+
TX_TE-
TX_TE+
PEAKS-CLKIN
PEAKS-HIN
PEAKS-VIN
R4826
R4827
EXB2HVR000V
FL4015
FL4010
FL4011
J0HABH000012
SUB9V
SUB5V
DTV_RXD
DTV_TXD
DTV_RST
FORMAT_EDGE(MAIN)
JTAG_TCK
JTAG_TMS
JTAG_BA_FS
JTAG_TRST
DTV_SCL0B
DTV_SDA0B
AD_DAT
AD_LRCK
AD_BICK
SOFT_OFF
BS_SL
BS_SR
BS_Y(V)
R4891
JS4103
R4838
R4840
R4472
R4029
TCK
TMS
TDI
GND
TDO
TRST
XRST
MAIN_L
MAIN_R
OPTICAL SOUND OUT
BSD MONITOR OUT
ZA4002
ZA4001
K4CD08000002
R4960
R4961
R4962
R4963
R4964
R4965
R4966
R4967
R4968
R4969
R4970
R4971
R4972
EXB2HV680JV
A_OSDMSK
B_OSDMSK
A_VSOE
B_VSOE
A_HSOE
B_HSOE
A_CLKOE
B_CLKOE

TH-37/42PV600E, TH-37/42PX600B
DG-Board (8 of 8) Schematic Diagram

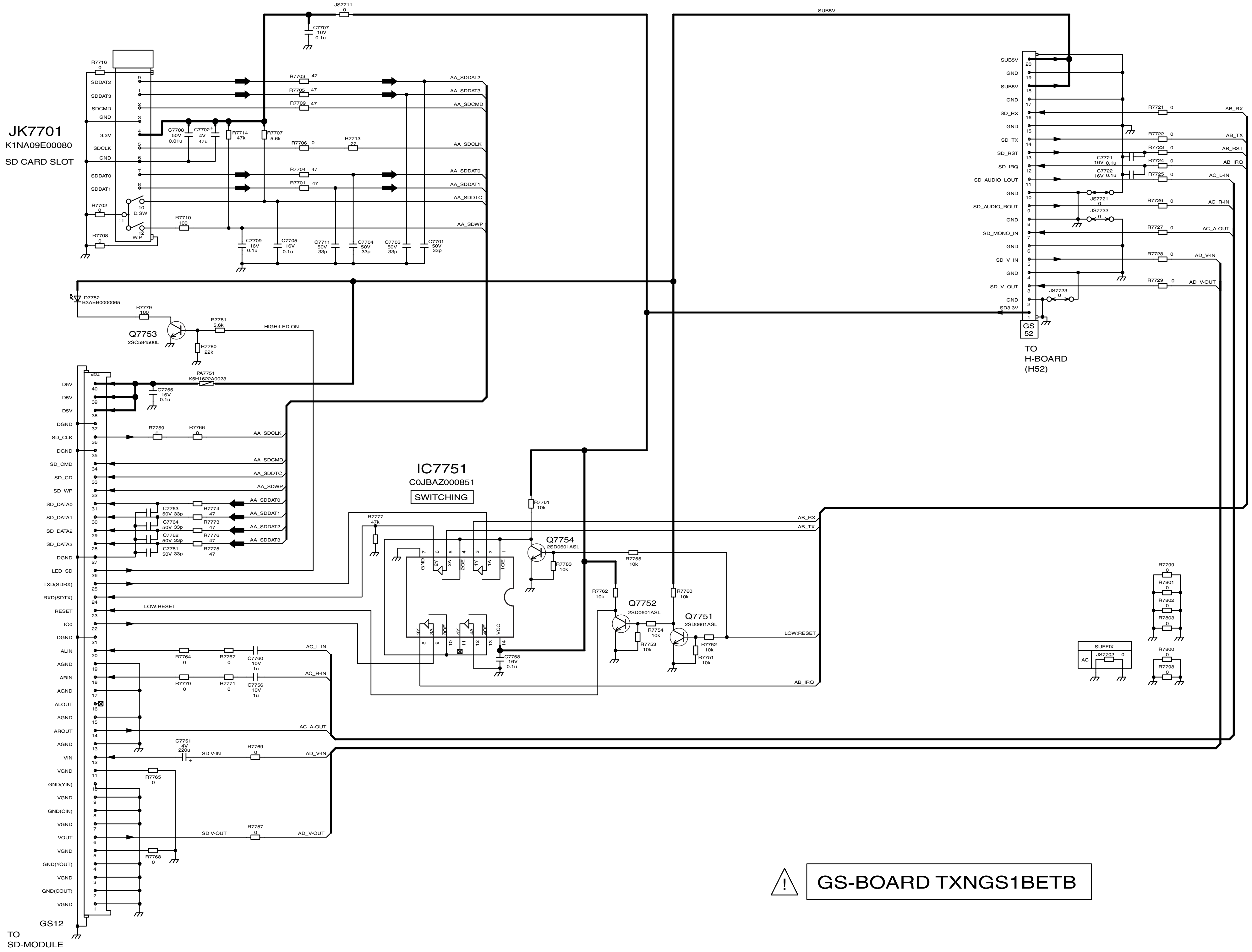
TH-37/42PV600E, TH-37/42PX600B
DG-Board (8 of 8) Schematic Diagram

⚠ G-BOARD TXN/G1BJTB


COMPOSITE
S-VIDEO
JK3701
K4AK23B00001
AV4 IN
HEADPHONE
R
L
V
C
Y
R-SW
R
R-G
L
L-G
V-SW
V
V-G
C
Y
G
CY-G
G
R2
SW3
NC3
R1
T
NC1
SW1
NC2
SW2
JS3705
0
C3711
50V 0.033u
C3712
50V 0.033u
L3708
J0JCC0000100
L3707
J0JCC0000100
C3703
50V
560p
C3701
50V
560p
R3716
180k
R3717
180k
R3711
0
R3710
0
R3709
0
R3721
10k
R3732
0
D3702
MAZ81400ML
L3701
J0JCC0000364
L3700
J0JCC0000364
R3746
0
R3748
0
ZA3701
K4CD01000013
JS3708
0
JS3707
0
SUFFIX
AE
JS3715
0
R3736
0
R3737
0
R3738
0
R3739
0
R3740
0
R3741
0
JS3714
0
JS3713
0
JS3712
0
JS3711
0
JS3704
0
R3733
0
R3704
0
TO
GK-BOARD
(GK3)
G3
3
2
1
GND
KEY1
KEY2/KEY_EDGE
TO
K-BOARD
(K1)
G1
1 GND
2 R_LED_ON/STBY_LED
3 GND
4 PSM_LEDR
5 RM_IN
6 SUB5V
7 MODEM_LED
8 STB3.3V
9 AI_SENSOR
10 GND
11 G_LED_ON
12 GND
TO
H-BOARD
(H51)
G51
30 GND
29 AV4_V
28 GND
27 AV4_C
26 GND
25 AV4_Y
24 V_DET
23 HP_GND
22 AV4_S
21 SUB_MONO
20 AV4_L
19 MAIN_R
18 AV4_R
17 MAIN_L
16 GND
15 HP_GND
14 R_LED_ON/STNBY_LED
13 HP_DET
12 GND
11 GND
10 KEY2/KEYEDGE
9 KEY1
8 SUB5V
7 RM_IN
6 STB3.3V
5 MODEM_LED
4 AI_SENSOR
3 GND
2 GND
1 G_LED_ON
A
B
C
D
E
1
2
3
4
5
6
7
8

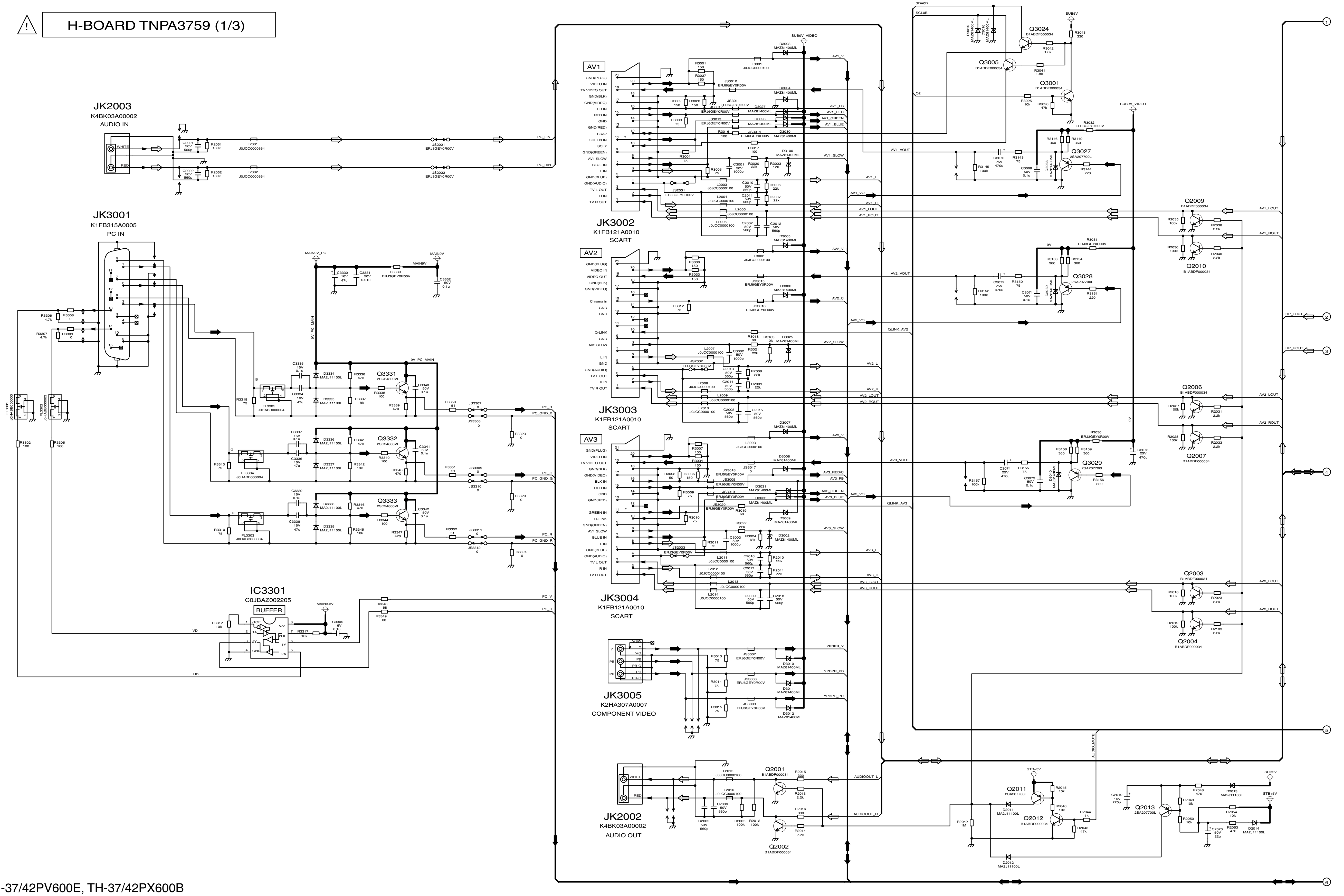
TH-37/42PV600E, TH-37/42PX600B
G-Board Schematic Diagram

TH-37/42PV600E, TH-37/42PX600B
G-Board Schematic Diagram


JK7701
K1NA09E00080
SD CARD SLOT
IC7751
C0JBAZ000851
SWITCHING
Q7753
2SC584500L
Q7754
2SD0601ASL
Q7752
2SD0601ASL
Q7751
2SD0601ASL
D7752
B3AEB0000065
PA7751
K5H1622A0023
SUB5V
GS52
TO
H-BOARD
(H52)
GS12
TO
SD-MODULE
SUFFIX
AC
JS7702
HIGH:LED ON
LOW:RESET
AA_SDAT2
AA_SDAT3
AA_SDCMD
AA_SDCLK
AA_SDAT0
AA_SDAT1
AA_SDDTC
AA_SDWP
AB_RX
AB_TX
AB_RST
AB_IRQ
AC_L-IN
AC_R-IN
AC_A-OUT
AD_V-IN
AD_V-OUT
SD V-IN
SD V-OUT

GS-BOARD TXNGS1BETB

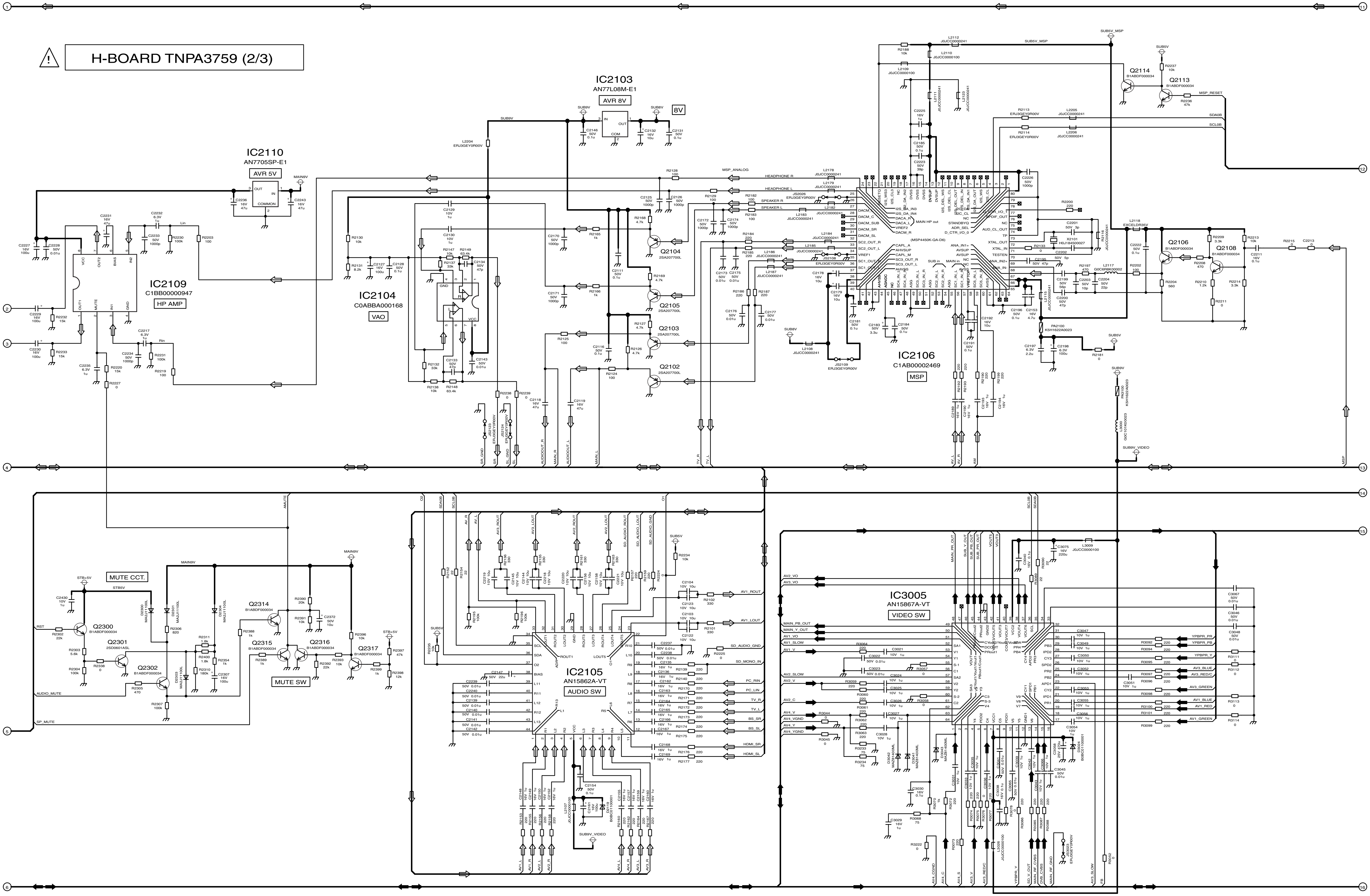
⚠ H-BOARD TNPA3759 (1/3)



JK2003
K4BK03A00002
AUDIO IN
WHITE
RED
PC_LIN
PC_RIN
JK3001
K1FB315A0005
PC IN
MAIN9V_PC
MAIN9V
9V_PC_MAIN
Q3331
2SC2480OVL
Q3332
2SC2480OVL
Q3333
2SC2480OVL
FL3305
FL3304
FL3303
PC_B
PC_GND_B
PC_G
PC_GND_G
PC_R
PC_GND_R
PC_V
PC_H
VD
HD
IC3301
C0JBAZ002205
BUFFER
MAIN3.3V
AV1
JK3002
K1FB121A0010
SCART
AV2
JK3003
K1FB121A0010
SCART
AV3
JK3004
K1FB121A0010
SCART
JK3005
K2HA307A0007
COMPONENT VIDEO
Y
PB
PR
YPBPR_Y
YPBPR_PB
YPBPR_PR
JK2002
K4BK03A00002
AUDIO OUT
AUDIOOUT_L
AUDIOOUT_R
Q2001
Q2002
SUB9V_VIDEO
SUB5V
SDA0B
SCL0B
Q3024
Q3005
Q3001
Q3027
Q3028
Q3029
AV1_VOUT
AV2_VOUT
AV3_VOUT
QLINK_AV2
QLINK_AV3
Q2009
Q2010
Q2006
Q2007
Q2003
Q2004
AV1_LOUT
AV1_ROUT
AV2_LOUT
AV2_ROUT
AV3_LOUT
AV3_ROUT
HP_LOUT
HP_ROUT
AUDIO_MUTE
STB+5V
Q2011
Q2012
Q2013
①
②
③
④
⑤
⑥
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-37/42PV600E, TH-37/42PX600B
H-Board (1 of 3) Schematic Diagram

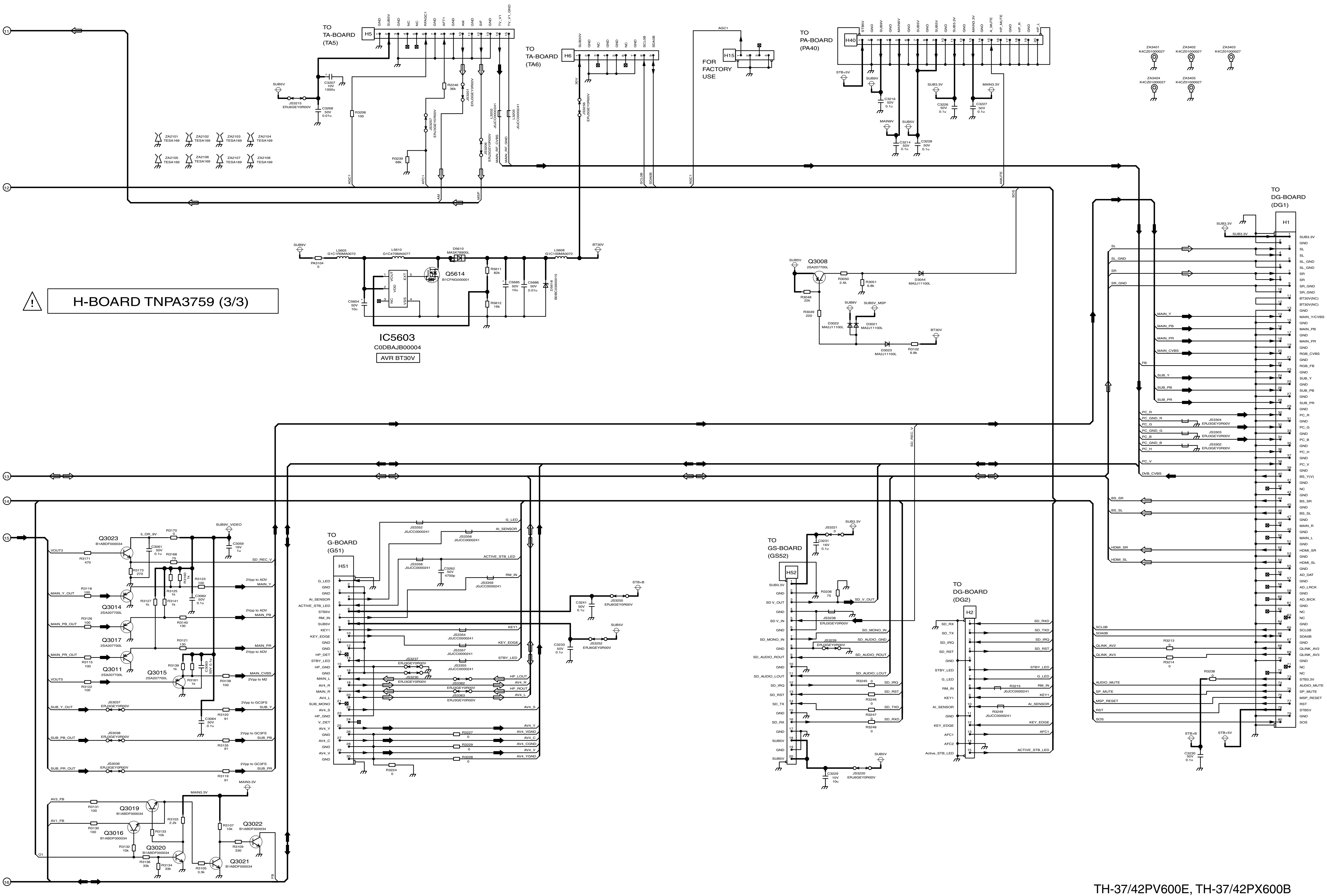
TH-37/42PV600E, TH-37/42PX600B H-Board (1 of 3) Schematic Diagram


H-BOARD TNPA3759 (2/3)
IC2103
AN77L08M-E1
AVR 8V
8V
IC2110
AN7705SP-E1
AVR 5V
IC2109
C1BB00000947
HP AMP
IC2104
C0ABBA000168
VAO
IC2106
C1AB00002469
MSP
(MSP4450K-QA-D6)
IC2105
AN15862A-VT
AUDIO SW
IC3005
AN15867A-VT
VIDEO SW
MUTE CCT.
MUTE SW
Q2300
Q2301
Q2302
Q2314
Q2315
Q2316
Q2317
Q2102
Q2103
Q2104
Q2105
Q2106
Q2108
Q2113
Q2114
SUB9V
SUB8V
SUB5V
SUB5V_MSP
MAIN9V
STB+5V
SUB9V_VIDEO
MSP_RESET
SDA0B
SCL0B
HEADPHONE R
HEADPHONE L
SPEAKER R
SPEAKER L
MSP_ANALOG
RST
AUDIO_MUTE
SP_MUTE
AV1_ROUT
AV1_LOUT
SD_AUDIO_GND
SD_MONO_IN
PC_RIN
PC_LIN
TV_R
TV_L
BS_SR
BS_SL
HDMI_SR
HDMI_SL
AV2_VO
AV3_VO
MAIN_PB_OUT
MAIN_Y_OUT
AV1_VO
AV1_SLOW
AV1_V
AV2_SLOW
AV2_V
AV2_C
AV4_V
AV4_VGND
AV4_Y
AV4_YGND
YPBPR_PR
YPBPR_PB
YPBPR_Y
AV3_BLUE
AV3_RED/C
AV3_GREEN
AV1_BLUE
AV1_RED
AV1_GREEN

TH-37/42PV600E, TH-37/42PX600B H-Board (2 of 3) Schematic Diagram

TH-37/42PV600E, TH-37/42PX600B H-Board (2 of 3) Schematic Diagram

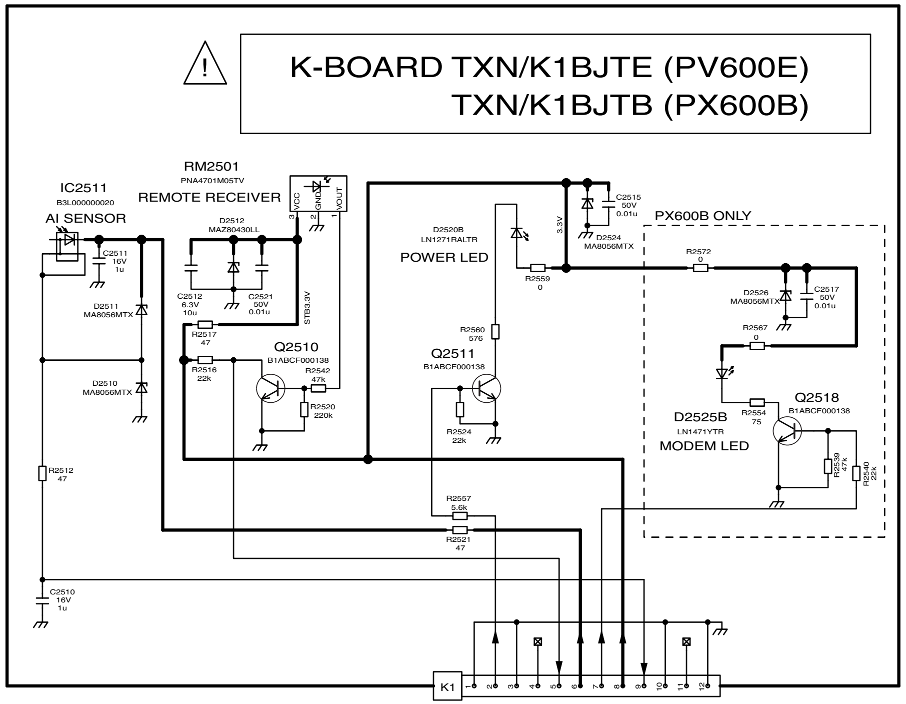
10 11 12 13 14 15 16 17 18


H-BOARD TNPA3759 (3/3)
TO TA-BOARD (TA5)
H5
TO TA-BOARD (TA6)
H6
FOR FACTORY USE
H15
AGC1
TO PA-BOARD (PA40)
H40
ZA3401 K4CZ01000027
ZA3402 K4CZ01000027
ZA3403 K4CZ01000027
ZA3404 K4CZ01000027
ZA3405 K4CZ01000027
ZA2101 TESA169
ZA2102 TESA169
ZA2103 TESA169
ZA2104 TESA169
ZA2105 TESA169
ZA2106 TESA169
ZA2107 TESA169
ZA2108 TESA169
SUB5V
JS3215 ERJ6GEY0R00V
C3207 10V 1000u
C3268 50V 0.01u
R3206 100
R2246 36k
R3239 68k
AGC1
AFC1
AM
MSP
SCL0B
SDA0B
A.MUTE
SOS
SUB9V
PA3104 0
L5605 G1C1R0MA0072
L5610 G1C470MA0077
D5610 MA3X78900L
L5608 G1C100MA0072
BT30V
Q5614 B1CFNG000001
R5611 82k
R5612 16k
C5685 50V 10u
C5686 50V 0.01u
D5618 B0BC039000015
C5604 50V 10u
IC5603
C0DBAJB00004
AVR BT30V
Q3008 2SA207700L
R3050 2.4k
R3051 6.8k
D3044 MA2J11100L
R3048 22k
R3049 220
D3022 MA2J11100L
D3021 MA2J11100L
SUB5V_MSP
D3023 MA2J11100L
R3102 6.8k
BT30V
SUB3.3V
MAIN3.3V
MAIN9V
C3216 50V 0.1u
C3226 50V 0.1u
C3227 50V 0.1u
C3214 50V 0.1u
C3228 50V 0.1u
TO DG-BOARD (DG1)
H1
SUB3.3V
GND
SL
SL_GND
SR
SR_GND
BT30V(NC)
MAIN_Y/CVBS
MAIN_PB
MAIN_PR
RGB_CVBS
RGB_FB
SUB_Y
SUB_PB
SUB_PR
PC_R
PC_G
PC_B
PC_H
PC_V
BS_Y(V)
NC
BS_SR
BS_SL
MAIN_R
MAIN_L
HDMI_SR
HDMI_SL
AD_DAT
AD_LRCK
AD_BICK
SCL0B
SDA0B
QLINK_AV2
QLINK_AV3
STB3.3V
AUDIO_MUTE
SP_MUTE
MSP_RESET
RST
STB5V
SOS
JS3304 ERJ3GEY0R00V
JS3303 ERJ3GEY0R00V
JS3302 ERJ3GEY0R00V
DVB_CVBS
R3213 0
R3214 0
R3238 0
STB+B
STB+5V
C3230 50V 0.1u
SD_REC_V
Q3023 B1ABDF000034
Q3014 2SA207700L
Q3017 2SA207700L
Q3011 2SA207700L
Q3015 2SA207700L
VOUT3
MAIN_Y_OUT
MAIN_PB_OUT
MAIN_PR_OUT
VOUT5
SUB_Y_OUT
SUB_PB_OUT
SUB_PR_OUT
SUB9V_VIDEO
C3059 16V 1u
2Vpp to ADV
MAIN_Y
MAIN_PB
MAIN_PR
2Vpp to M2
MAIN_CVBS
2Vpp to GC3FS
SUB_Y
SUB_PB
SUB_PR
JS3037 ERJ3GEY0R00V
JS3038 ERJ3GEY0R00V
JS3039 ERJ3GEY0R00V
MAIN3.3V
AV3_FB
AV1_FB
Q3019 B1ABDF000034
Q3016 B1ABDF000034
Q3020 B1ABDF000034
Q3022 B1ABDF000034
Q3021 B1ABDF000034
FB
TO G-BOARD (G51)
H51
G_LED
AI_SENSOR
ACTIVE_STB_LED
STBSV
RM_IN
SUB5V
KEY1
KEY_EDGE
HP_DET
STBY_LED
HP_GND
MAIN_L
AV4_R
MAIN_R
AV4_L
SUB_MONO
AV4_S
V_DET
AV4_Y
AV4_C
AV4_V
AV4_VGND
AV4_CGND
AV4_YGND
HP_LOUT
HP_ROUT
TO GS-BOARD (GS52)
H52
SD V_OUT
SD V_IN
SD_MONO_IN
SD_AUDIO_ROUT
SD_AUDIO_LOUT
SD_IRQ
SD_RST
SD_TX
SD_RX
SD_AUDIO_GND
C3229 10V 10u
JS3220 ERJ6GEY0R00V
TO DG-BOARD (DG2)
H2
STBY_LED
G_LED
RM_IN
KEY1
AI_SENSOR
KEY_EDGE
AFC1
AFC2
Active_STB_LED
ACTIVE_STB_LED
R3215 J0JCC0000241
R3249 J0JCC0000241

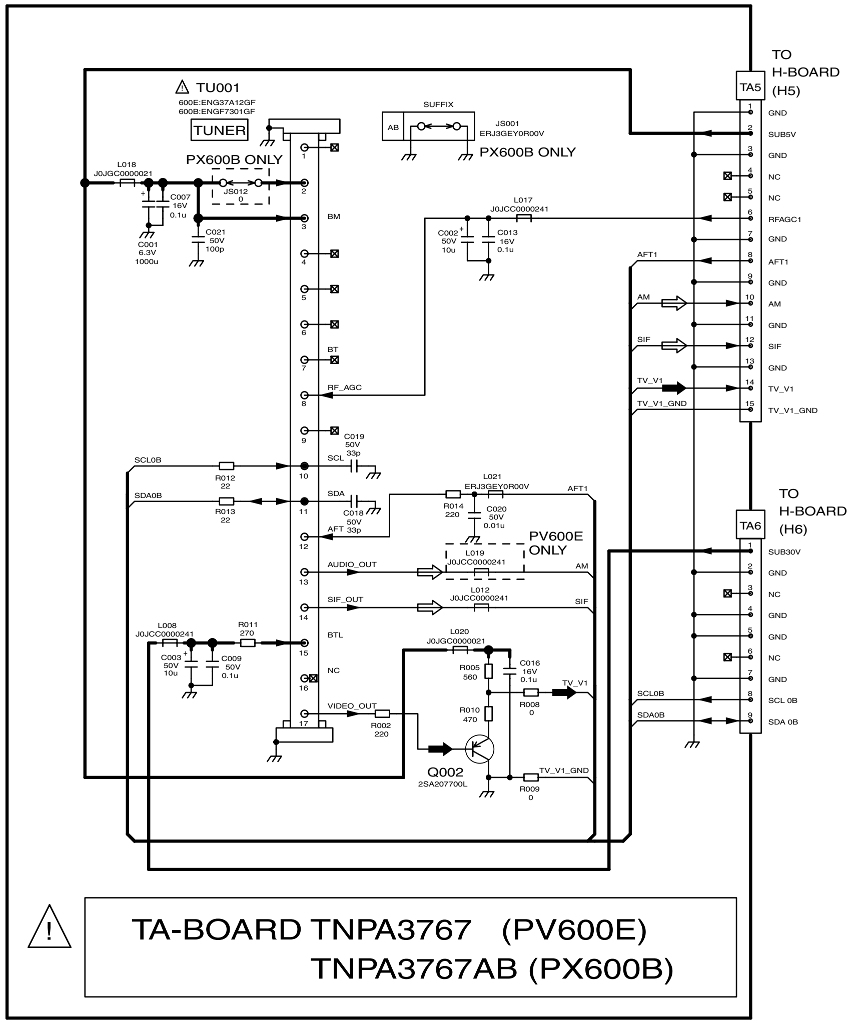
TH-37/42PV600E, TH-37/42PX600B H-Board (3 of 3) Schematic Diagram

TH-37/42PV600E, TH-37/42PX600B
H-Board (3 of 3) Schematic Diagram

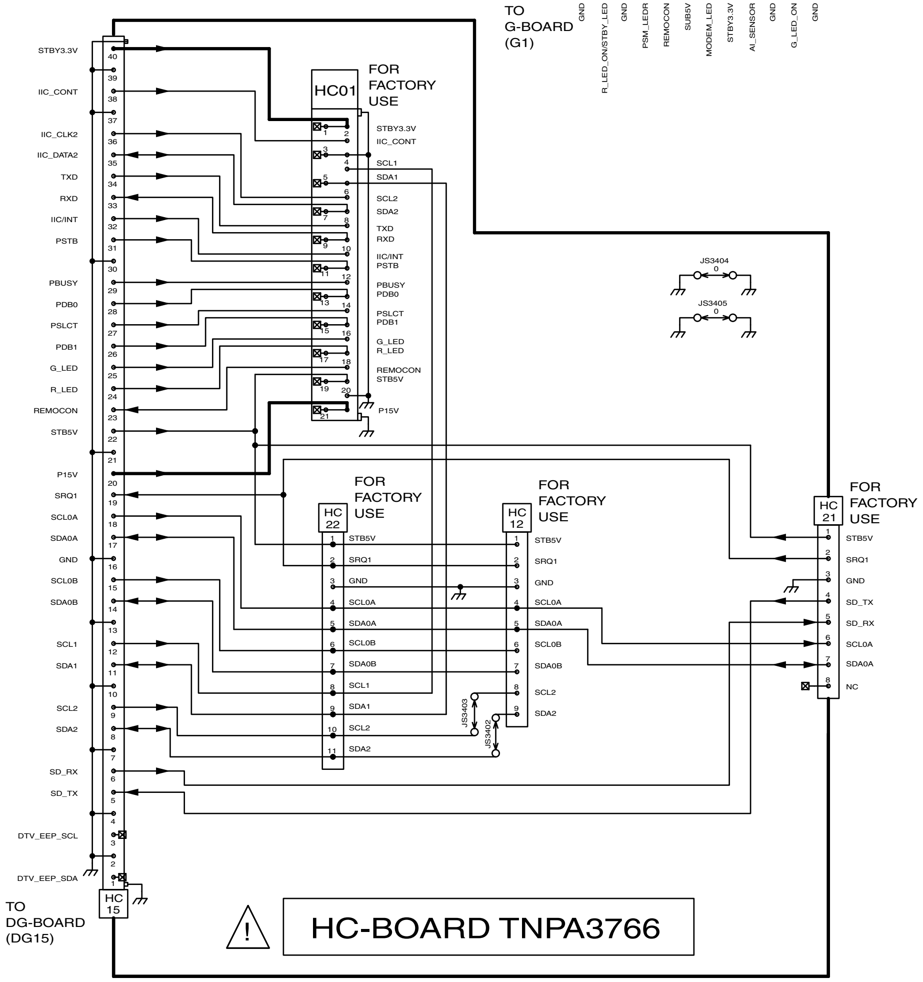
K-BOARD TXN/K1BJTE (PV600E)
TXN/K1BJTB (PX600B)


IC2511
B3L000000020
AI SENSOR
RM2501
PNA4701M05TV
REMOTE RECEIVER
VCC
GND
VOUT
C2511 16V 1u
D2512 MAZ80430LL
C2512 6.3V 10u
C2521 50V 0.01u
D2511 MA8056MTX
D2510 MA8056MTX
STB3.3V
R2517 47
R2516 22k
Q2510 B1ABCF000138
R2542 47k
R2520 220k
R2512 47
C2510 16V 1u
D2520B LN1271RALTR
POWER LED
3.3V
C2515 50V 0.01u
D2524 MA8056MTX
R2559 0
R2560 576
Q2511 B1ABCF000138
R2524 22k
R2557 5.6k
R2521 47
PX600B ONLY
R2572 0
D2526 MA8056MTX
C2517 50V 0.01u
R2567 0
D2525B LN1471YTR
MODEM LED
R2554 75
Q2518 B1ABCF000138
R2539 47k
R2540 22k
K1
TO G-BOARD (G1)
GND
R_LED_ON/STBY_LED
GND
PSM_LEDR
REMOCON
SUB5V
MODEM_LED
STBY3.3V
AI_SENSOR
GND
G_LED_ON
GND

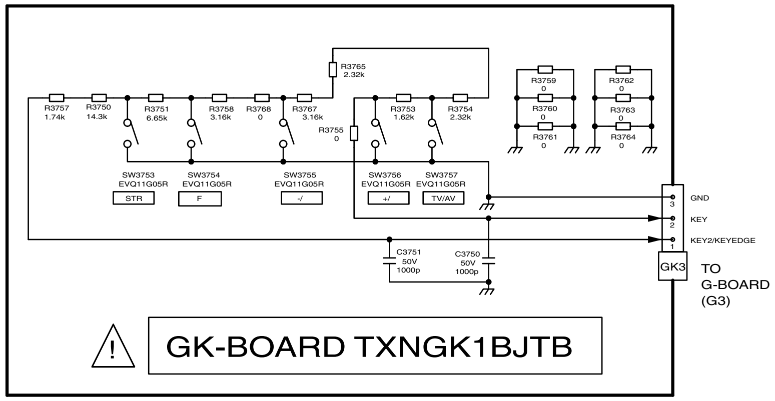
TA-BOARD TNPA3767 (PV600E)
TNPA3767AB (PX600B)


TU001
600E:ENG37A12GF
600B:ENGF7301GF
TUNER
L018 J0JGC0000021
C001 6.3V 1000u
C007 16V 0.1u
C021 50V 100p
PX600B ONLY
JS012 0
SUFFIX
AB
JS001 ERJ3GEY0R00V
PX600B ONLY
L017 J0JCC0000241
C002 50V 10u
C013 16V 0.1u
BM
BT
RF_AGC
SCL
SDA
AFT
AUDIO_OUT
SIF_OUT
BTL
NC
VIDEO_OUT
C019 50V 33p
C018 50V 33p
SCL0B
SDA0B
R012 22
R013 22
L021 ERJ3GEY0R00V
R014 220
C020 50V 0.01u
AFT1
PV600E ONLY
L019 J0JCC0000241
AM
L012 J0JCC0000241
SIF
L008 J0JCC0000241
R011 270
C003 50V 10u
C009 50V 0.1u
L020 J0JGC0000021
R005 560
C016 16V 0.1u
R008 0
TV_V1
R010 470
R002 220
Q002 2SA207700L
R009 0
TV_V1_GND
TA5
TO H-BOARD (H5)
GND
SUB5V
GND
NC
NC
RFAGC1
GND
AFT1
GND
AM
GND
SIF
GND
TV_V1
TV_V1_GND
TA6
TO H-BOARD (H6)
SUB30V
GND
NC
GND
GND
NC
GND
SCL 0B
SDA 0B

HC-BOARD TNPA3766


STBY3.3V
IIC_CONT
IIC_CLK2
IIC_DATA2
TXD
RXD
IIC/INT
PSTB
PBUSY
PDB0
PSLCT
PDB1
G_LED
R_LED
REMOCON
STB5V
P15V
SRQ1
SCL0A
SDA0A
GND
SCL0B
SDA0B
SCL1
SDA1
SCL2
SDA2
SD_RX
SD_TX
DTV_EEP_SCL
DTV_EEP_SDA
HC 15
TO DG-BOARD (DG15)
HC01
FOR FACTORY USE
STBY3.3V
IIC_CONT
SCL1
SDA1
SCL2
SDA2
TXD
RXD
IIC/INT
PSTB
PBUSY
PDB0
PSLCT
PDB1
G_LED
R_LED
REMOCON
STB5V
P15V
JS3404 0
JS3405 0
HC 22
FOR FACTORY USE
STB5V
SRQ1
GND
SCL0A
SDA0A
SCL0B
SDA0B
SCL1
SDA1
SCL2
SDA2
HC 12
FOR FACTORY USE
STB5V
SRQ1
GND
SCL0A
SDA0A
SCL0B
SDA0B
SCL2
SDA2
JS3403
JS3402
HC 21
FOR FACTORY USE
STB5V
SRQ1
GND
SD_TX
SD_RX
SCL0A
SDA0A
NC

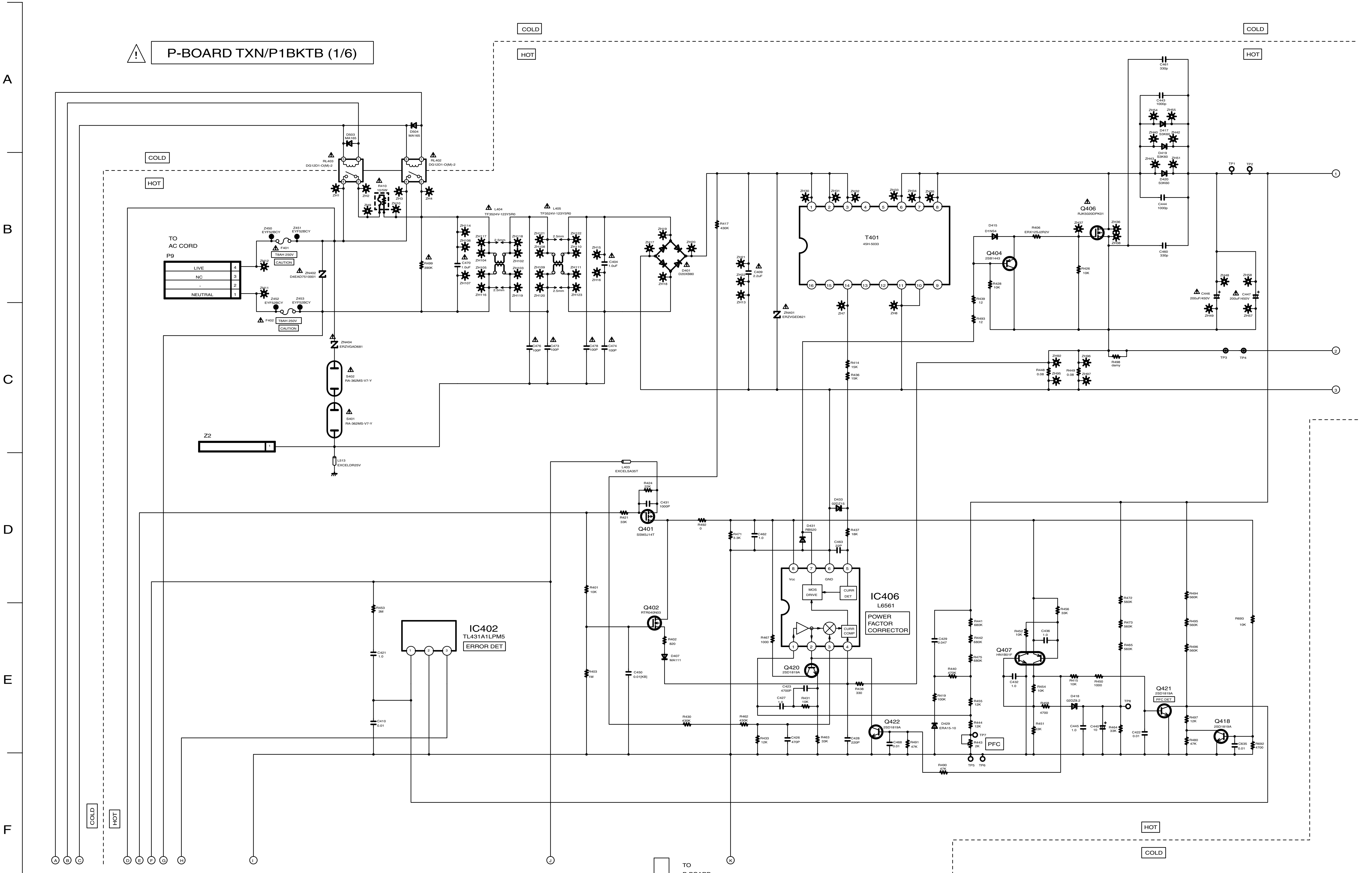
GK-BOARD TXNGK1BJTB


R3765 2.32k
R3757 1.74k
R3750 14.3k
R3751 6.65k
R3758 3.16k
R3768 0
R3767 3.16k
R3755 0
R3753 1.62k
R3754 2.32k
R3759 0
R3760 0
R3761 0
R3762 0
R3763 0
R3764 0
SW3753 EVQ11G05R
STR
SW3754 EVQ11G05R
F
SW3755 EVQ11G05R
-/
SW3756 EVQ11G05R
+/
SW3757 EVQ11G05R
TV/AV
C3751 50V 1000p
C3750 50V 1000p
GK3
GND
KEY
KEY2/KEYEDGE
TO G-BOARD (G3)

TH-37/42PV600E, TH-37/42PX600B GK, HC, K and TA-Board Schematic Diagram

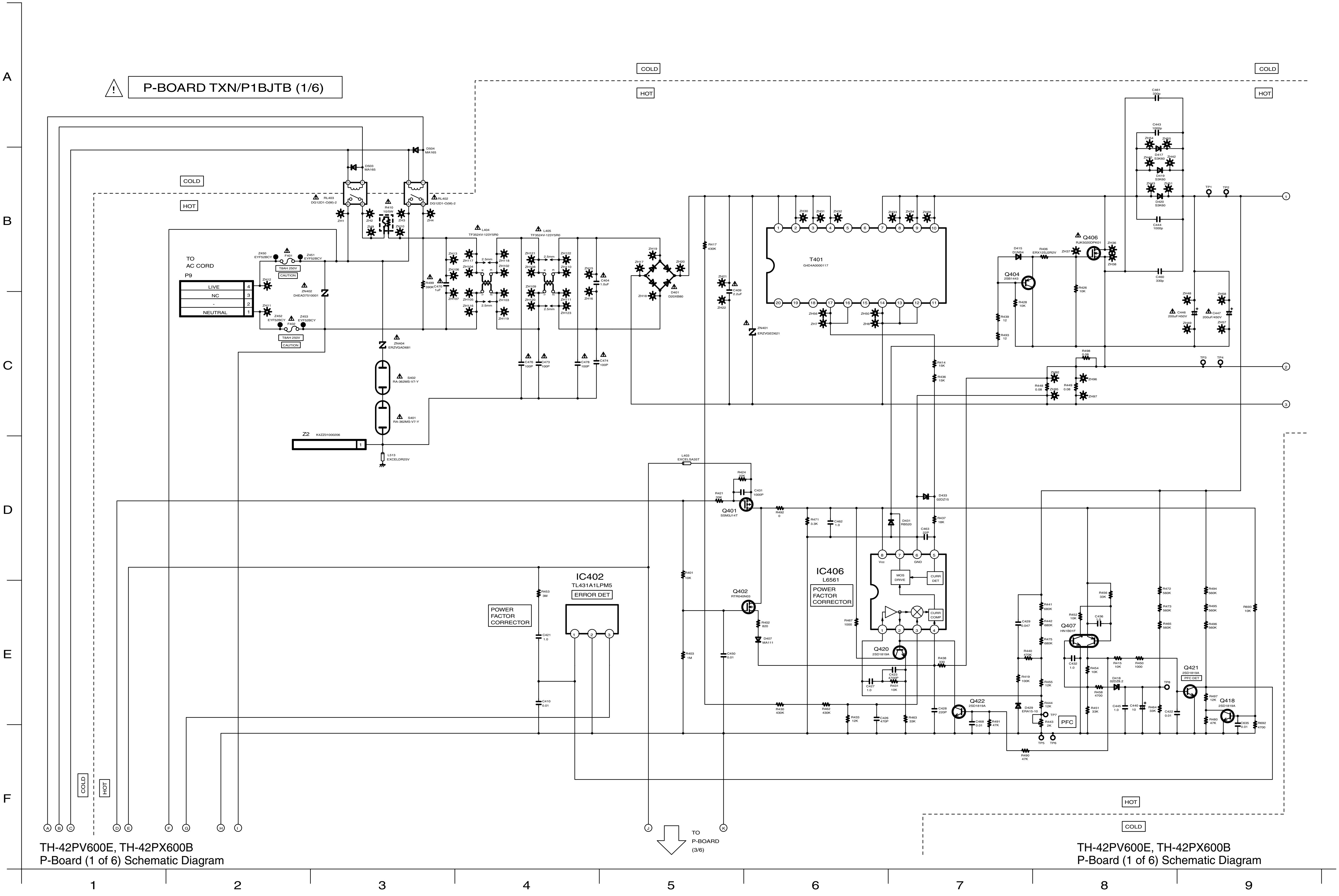
TH-37/42PV600E, TH-37/42PX600B
GK, HC, K and TA-Board Schematic Diagram

P-BOARD TXN/P1BKTB (1/6)


COLD
HOT
A
B
C
D
E
F
TO
AC CORD
P9
LIVE 4
NC 3
- 2
NEUTRAL 1
Z450 EYF52BCY
Z451 EYF52BCY
F401 T8AH 250V CAUTION
Z452 EYF52BCY
Z453 EYF52BCY
F402 T8AH 250V CAUTION
ZN402 D4EAD7510001
ZH12
ZH11
D503 MA165
D504 MA165
RL403 DG12D1-O(M)-2
RL402 DG12D1-O(M)-2
R410 10/5W
ZH1
ZH2
ZH3
ZH4
ZH9
ZH10
R499 390K
L404 TF3524V-123Y5R0
L405 TF3524V-123Y5R0
C470 1.0uF
C404 1.0uF
2.5mm
ZN404 ERZVGAD681
S402 RA-362MS-V7-Y
S401 RA-362MS-V7-Y
Z2
L513 EXCELDR25V
C476 100P
C473 100P
C478 100P
C474 100P
D401 D20XB80
R417 430K
C409 2.2uF
ZN401 ERZVGED621
T401 4SH-5033
ZH7
ZH8
R414 15K
R436 15K
D415 D1NS4
R406 ERX12SJ2R2V
Q406 RJK5020DPK01
Q404 2SB1443
R428 10K
R426 10K
R439 12
R493 12
C461 330p
C443 1000p
D417 S3K60
D419 S3K60
D420 S3K60
C444 1000p
C460 330p
C446 200uF/450V
C447 200uF/450V
TP1
TP2
TP3
TP4
R448 0.08
R449 0.08
R498 damy
①
②
③
L403 EXCELSA35T
R424 22K
C431 1000P
R421 33K
Q401 SSM3J14T
R492 0
D433 02DZ15
D431 RB520
R471 3.3K
C462 1.0
C463 22P
R437 18K
IC406 L6561
POWER FACTOR CORRECTOR
Vcc
GND
MOS DRIVE
CURR DET
CURR COMP
R401 10K
Q402 RTR040N03
R402 820
D407 MA111
R403 1M
C450 0.01[KB]
R467 1000
Q420 2SD1819A
C423 4700P
C427 1.0
R431 10K
R438 330
R453 3M
C421 1.0
C410 0.01
IC402 TL431A1LPM5
ERROR DET
R430 430K
R462 430K
R433 12K
C426 470P
R463 33K
C428 220P
Q422 2SD1819A
C468 0.01
R491 47K
C429 0.047
R441 680K
R442 680K
R475 680K
R440 470K
R419 100K
D429 ERA15-10
R455 12K
R444 12K
TP7
R443 2K
PFC
TP5
TP6
R490 47K
R456 33K
R452 10K
C436 1.0
Q407 HN1B01F
C432 1.0
R454 10K
R415 10K
R450 1000
D418 02DZ8.2
R458 4700
R451 33K
C445 1.0
C440 10
R464 33K
TP8
C422 0.01
R472 560K
R473 560K
R465 560K
R494 560K
R495 560K
R496 560K
R693 10K
Q421 2SD1819A PFC DET
R497 12K
R460 47K
Q418 2SD1819A
C635 0.01
R692 4700
Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ Ⓕ Ⓖ Ⓗ Ⓘ Ⓙ Ⓚ
TO P-BOARD (3/6)
1
2
3
4
5
6
7
8
9

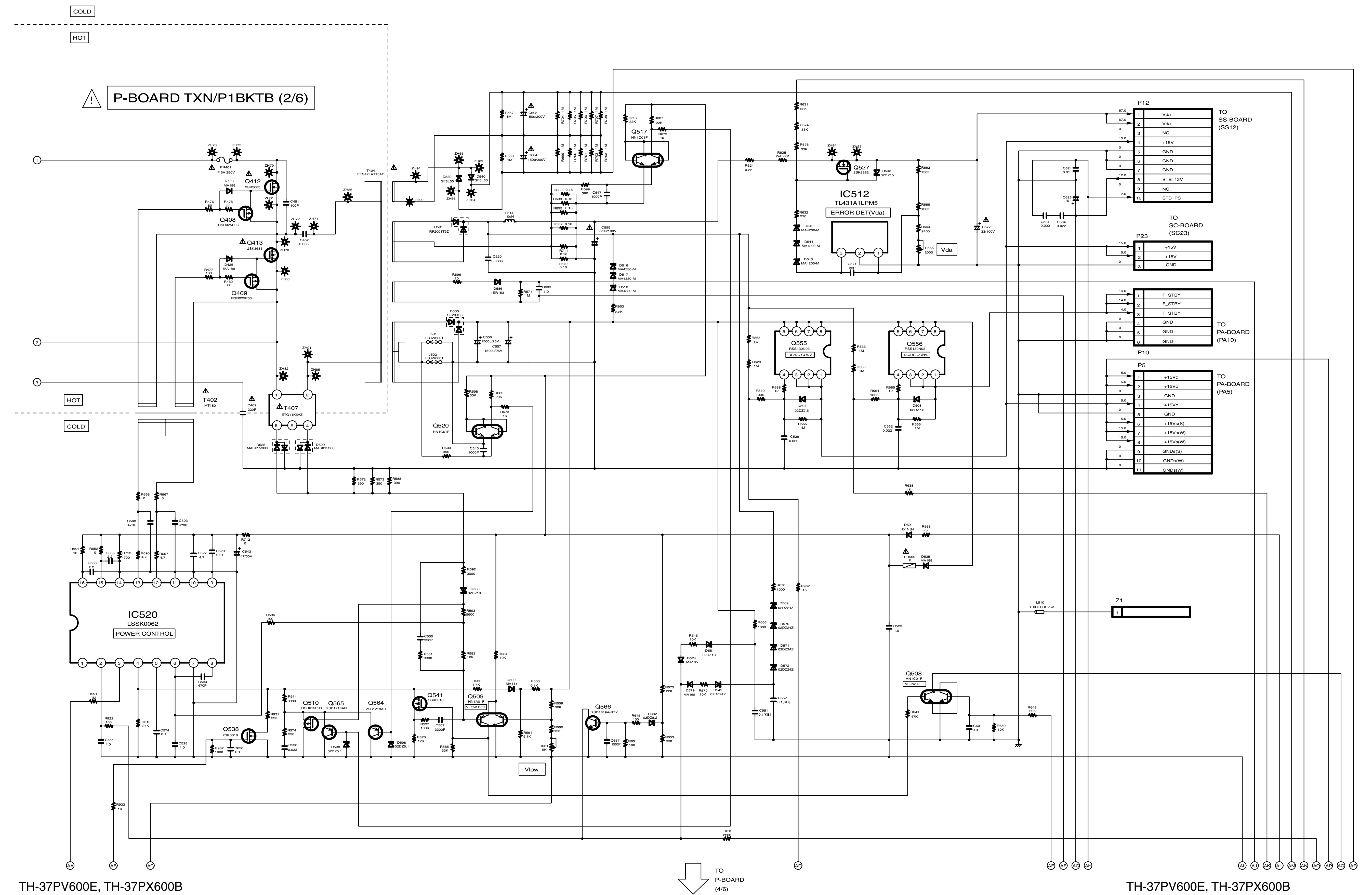
TH-37PV600E, TH-37PX600B
P-Board (1 of 6) Schematic Diagram

TH-37PV600E, TH-37PX600B
P-Board (1 of 6) Schematic Diagram


P-BOARD TXN/P1BJTB (1/6)
COLD
HOT
TO AC CORD
P9
LIVE
NC
NEUTRAL
F401 T6AH 250V
F402 T6AH 250V
CAUTION
Z450 EYF52BCY
Z451 EYF52BCY
Z452 EYF52BCY
Z453 EYF52BCY
ZN402 D4EAD7510001
ZN404 ERZVGAD681
S402 RA-362MS-V7-Y
S401 RA-362MS-V7-Y
Z2 K4ZZ01000206
L513 EXCELDR25V
D503 MA165
D504 MA165
RL403 DG12D1-O(M)-2
RL402 DG12D1-O(M)-2
R410 10/5W
L404 TF3524V-123Y5R0
L405 TF3524V-123Y5R0
R499 390K
C470 1uF
C404 1.0uF
C476 100P
C473 100P
C478 100P
C474 100P
D401 D20XB80
R417 430K
C409 2.2uF
ZN401 ERZVGED621
T401 G4D4A0000117
D415 D1N54
R406 ERX12SJ2R2V
Q404 2SB1443
Q406 RJK5020DPK01
R426 10K
R428 10K
R439 12
R493 12
R498 0.08
R448 0.08
R449 0.08
C461 330p
C443 1000p
C444 1000p
C460 330p
D417 S3K60
D419 S3K60
D420 S3K60
C446 200uF/450V
C447 200uF/450V
TP1
TP2
TP3
TP4
L403 EXCELSA35T
R424 22K
C431 1000P
R421 33K
Q401 SSM3J14T
R492 0
R471 3.3K
C462 1.0
D431 RB520
D433 02DZ15
C463 22P
R437 18K
R414 15K
R436 15K
IC406 L6561
POWER FACTOR CORRECTOR
MOS DRIVE
CURR DET
CURR COMP
Vcc
GND
IC402 TL431A1LPM5
ERROR DET
R453 3M
C421 1.0
C410 0.01
R401 10K
R403 1M
Q402 RTR040N03
R402 820
D407 MA111
C450 0.01
R467 1000
Q420 2SD1819A
C423 4700P
C427 1.0
R431 10K
R438 330
R430 430K
R462 430K
R433 12K
C426 470P
R463 33K
C428 220P
Q422 2SD1819A
C468 0.01
R491 47K
R490 47K
C429 0.047
R441 680K
R442 680K
R475 680K
R440 470K
R419 100K
R455 12K
R444 12K
D429 ERA15-10
R443 2K
TP5
TP6
TP7
PFC
R456 33K
R452 10K
C436 1.0
Q407 HN1B01F
C432 1.0
R454 10K
R415 10K
R450 1000
D418 02DZ8.2
R458 4700
R451 33K
C445 1.0
C440 10
R464 33K
C422 0.01
R472 560K
R473 560K
R465 560K
R494 560K
R495 560K
R496 560K
R693 10K
TP8
Q421 2SD1819A
PFC DET
R497 12K
R480 47K
Q418 2SD1819A
C635 0.01
R692 4700
TO P-BOARD (3/6)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-42PV600E, TH-42PX600B
P-Board (1 of 6) Schematic Diagram

TH-42PV600E, TH-42PX600B
P-Board (1 of 6) Schematic Diagram

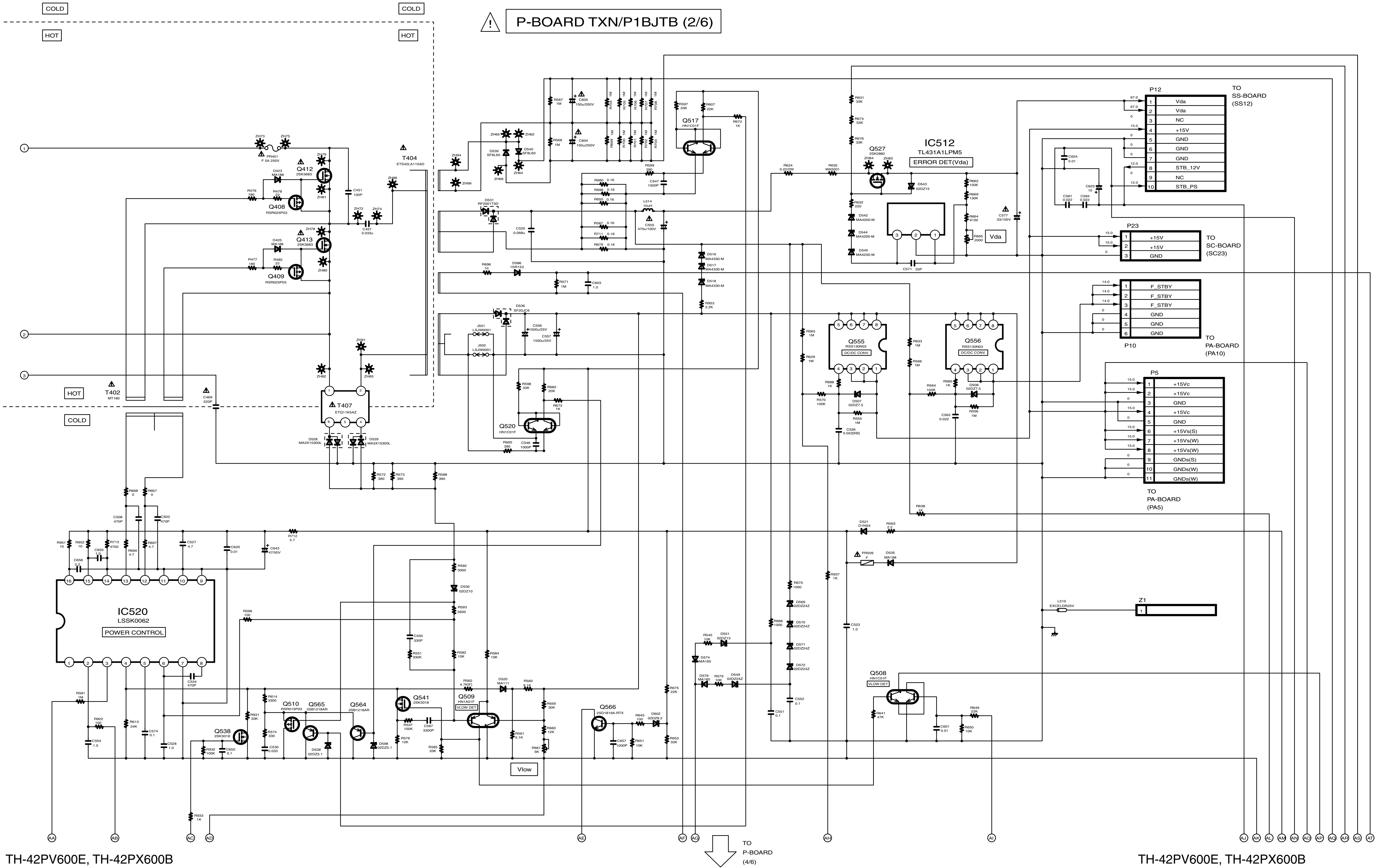

COLD
HOT
P-BOARD TXN/P1BKTB (2/6)
PR401
F 5A 250V
ZH73
ZH75
ZH79
ZH81
ZH72
ZH74
ZH76
ZH78
ZH80
ZH86
Q412
2SK3683
Q408
RSR025P03
Q413
2SK3683
Q409
RSR025P03
D423
MA188
D425
MA188
R476
180
R478
22
R477
180
R482
22
C451
100P
C457
0.033u
T404
ETS42LA115AD
T402
MT180
C469
220P
T407
ETQ11K5AZ
D528
MA3X15300L
D529
MA3X15300L
ZH82
ZH85
ZH91
R572
390
R573
390
R588
390
R668
0
R667
0
C508
470P
C503
470P
R951
10
R952
10
C655
C656
R713
4700
R690
4.7
R697
4.7
C527
4.7
C620
0.01
R712
0
C643
47/50V
IC520
LSSK0062
POWER CONTROL
C534
470P
R591
1M
R922
100
C554
1.0
R613
24K
C574
0.1
C528
1.0
R933
1K
R596
100
Q538
2SK3018
R932
100K
C650
0.1
R931
33K
R614
3300
R574
330
C530
0.033
Q510
RSR015P03
Q565
2SB1218AR
D538
02DZ5.1
Q564
2SB1218AR
D598
02DZ5.1
Q541
2SK3018
R537
100K
C587
3300P
R576
12K
R588
33K
C550
330P
R551
330K
R592
3000
D530
02DZ10
R593
5600
R582
10K
R584
10K
R562
4.7K
Q509
HN1A01F
VLOW DET
D520
MA111
R560
9.1K
R561
5.1K
R659
30K
R660
12K
R661
5K
Vlow
Q566
2SD1819A-RTX
R645
100
D602
02DZ8.2
C657
1000P
R651
10K
R675
22K
R653
33K
R612
2200
ZH94
ZH99
ZH65
ZH62
ZH66
ZH64
D539
SF8L60
D540
SF8L60
D531
RF2001T3D
C520
0.068u
L514
10uH
R567
1M
R568
1M
C605
150u/200V
C604
150u/200V
R704 1M
R705 1M
R706 1M
R707 1M
R708 1M
R699 1M
R700 1M
R701 1M
R702 1M
R703 1M
R680 0.16
R698 0.16
R655 0.16
R587 0.16
R711 0.16
R679 0.16
R599
390
C547
1000P
C555
220u/100V
D516
MA4330-M
D517
MA4330-M
D518
MA4330-M
R953
2.2K
R696
10
D586
1SR153
R571
1M
C603
1.0
D536
SF20JC6
J501
LSJW0001
J502
LSJW0001
C556
1500u/25V
C557
1500u/25V
R598
33K
R682
20K
R673
1K
Q520
HN1C01F
R600
390
C546
1000P
R597
33K
R607
22K
R672
1K
Q517
HN1C01F
R631
33K
R674
33K
R676
33K
R624
0.22
R635
WA5001
ZH84
ZH83
Q527
2SK2882
D543
02DZ15
IC512
TL431A1LPM5
ERROR DET(Vda)
R632
220
D542
MA4200-M
D544
MA4200-M
D545
MA4200-M
C571
33P
R662
150K
R669
130K
R664
9100
R665
2000
Vda
C577
33/100V
C624
0.01
C625
10
C581
0.022
C584
0.022
R565
1M
R629
1M
Q555
RSS130N03
DC/DC CONV
R688
1K
R570
100K
D507
02DZ7.5
R555
1M
C526
0.022
R633
1M
R566
1M
Q556
RSS130N03
DC/DC CONV
R685
1K
R564
100K
D508
02DZ7.5
R556
1M
C562
0.022
R638
1K
D521
D1NS4
R563
2.2
PR509
F
D535
MA188
R670
1000
R937
1K
D569
02DZ24Z
D570
02DZ24Z
D571
02DZ24Z
D572
02DZ24Z
R666
1000
C552
0.1(KB)
C551
0.1(KB)
R545
10K
D551
02DZ13
D574
MA165
D579
MA165
R579
10K
D549
02DZ24Z
C523
1.0
L510
EXCELDR25V
Z1
Q508
HN1C01F
VLOW DET
R641
47K
C601
0.01
R650
10K
R649
22K
P12
67.0 1 Vda
67.0 2 Vda
0 3 NC
15.0 4 +15V
0 5 GND
0 6 GND
0 7 GND
12.0 8 STB_12V
0 9 NC
12.0 10 STB_PS
TO
SS-BOARD
(SS12)
TO
SC-BOARD
(SC23)
P23
15.0 1 +15V
15.0 2 +15V
0 3 GND
14.0 1 F_STBY
14.0 2 F_STBY
14.0 3 F_STBY
0 4 GND
0 5 GND
0 6 GND
TO
PA-BOARD
(PA10)
P10
P5
15.0 1 +15Vc
15.0 2 +15Vc
0 3 GND
15.0 4 +15Vc
0 5 GND
15.0 6 +15Vs(S)
15.0 7 +15Vs(W)
15.0 8 +15Vs(W)
0 9 GNDs(S)
0 10 GNDs(W)
0 11 GNDs(W)
TO
PA-BOARD
(PA5)
AA
AB
AC
AD
AE
AF
AG
AH
AI
AJ
AK
AL
AM
AN
AO
AP
AQ
AR
TO
P-BOARD
(4/6)

TH-37PV600E, TH-37PX600B
P-Board (2 of 6) Schematic Diagram

TH-37PV600E, TH-37PX600B
P-Board (2 of 6) Schematic Diagram

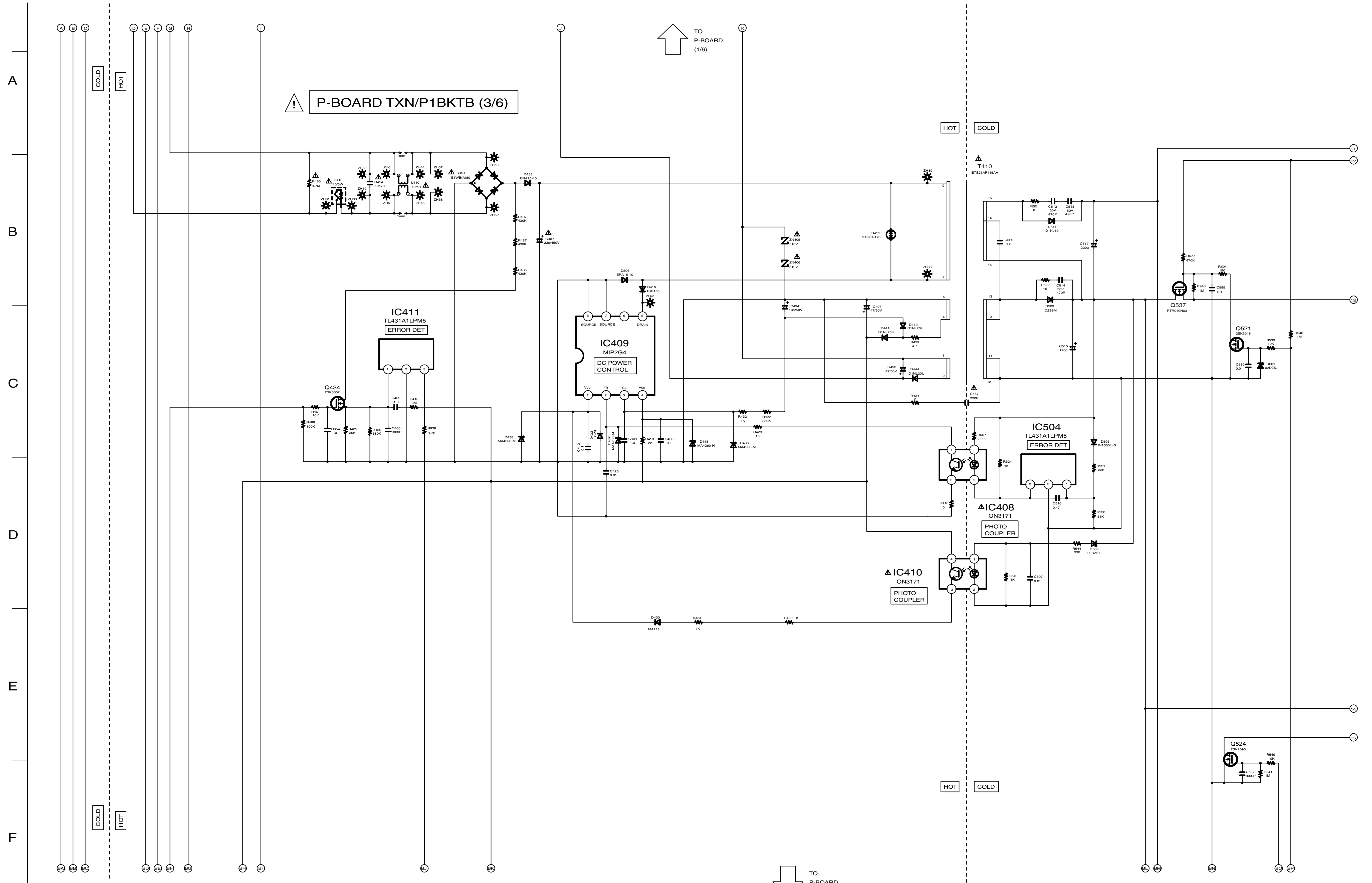
10 11 12 13 14 15 16 17 18

P-BOARD TXN/P1BJTB (2/6)


COLD
HOT
COLD
HOT
HOT
COLD
1
2
3
ZH73
ZH75
PR401
F 5A 250V
D423
MA188
Q412
2SK3683
R476
180
R478
22
Q408
RSR025P03
D425
MA188
Q413
2SK3683
R477
180
R482
22
Q409
RSR025P03
C451
100P
C457
0.033u
T404
ETS42LA115AD
T402
MT180
C469
220P
T407
ETQ1K5AZ
D528
MA3X15300L
D529
MA3X15300L
ZH91
ZH82
ZH85
R572
390
R573
390
R588
390
R567
1M
C605
150u/200V
R568
1M
C604
150u/200V
ZH65
ZH62
D539
SF8L60
D540
SF8L60
ZH66
ZH64
ZH94
ZH99
D531
RF2001T3D
C520
0.068u
R680 0.16
R698 0.16
R655 0.16
R587 0.16
R711 0.16
R679 0.16
R599
390
C547
1000P
L514
10uH
C555
470u/100V
R597
33K
R607
22K
Q517
HN1C01F
R672
1K
R696
10
D586
1SR153
R571
1M
C603
1.0
D516
MA4330-M
D517
MA4330-M
D518
MA4330-M
R953
2.2K
D536
SF20JC6
J501
LSJW0001
J502
LSJW0001
C556
1500u/25V
C557
1500u/25V
R598
33K
R682
20K
R673
1K
Q520
HN1C01F
R600
390
C546
1000P
R624
0.22/2W
R635
WA5001
R631
33K
R674
33K
R676
33K
Q527
2SK2682
ZH84
ZH83
IC512
TL431A1LPM5
ERROR DET(Vda)
D543
02DZ15
R632
220
D542
MA4200-M
D544
MA4200-M
D545
MA4200-M
R662
150K
R669
130K
R664
9100
R665
2000
Vda
C571 33P
C577
33/100V
C624
0.01
C625
10
C581
0.022
C584
0.022
P12
1 Vda
2 Vda
3 NC
4 +15V
5 GND
6 GND
7 GND
8 STB_12V
9 NC
10 STB_PS
TO SS-BOARD (SS12)
P23
1 +15V
2 +15V
3 GND
TO SC-BOARD (SC23)
P10
1 F_STBY
2 F_STBY
3 F_STBY
4 GND
5 GND
6 GND
TO PA-BOARD (PA10)
P5
1 +15Vc
2 +15Vc
3 GND
4 +15Vc
5 GND
6 +15Vs(S)
7 +15Vs(W)
8 +15Vs(W)
9 GNDs(S)
10 GNDs(W)
11 GNDs(W)
TO PA-BOARD (PA5)
Q555
RSS130N03
DC/DC CONV.
Q556
RSS130N03
DC/DC CONV.
R565
1M
R629
1M
R633
1M
R566
1M
R688
1K
R570
100K
D507
02DZ7.5
R555
1M
C526
0.022[KB]
R564
100K
R685
1K
D508
02DZ7.5
R556
1M
C562
0.022
R638
1K
D521
D1NS4
R563
2.2
PR509
F
D535
MA188
R668
0
R667
0
C508
470P
C503
470P
R951
10
R952
10
R713
4700
R690
4.7
R697
4.7
C527
4.7
C620
0.01
C643
47/50V
R712
4.7
C656
2.2
C655
IC520
LSSK0062
POWER CONTROL
R596
100
R592
3000
D530
02DZ10
R593
5600
C550
330P
R551
330K
R582
10K
R584
10K
C534
470P
R591
1M
R922
100
C554
1.0
R613
24K
C574
0.1
C528
1.0
R931
33K
Q538
2SK3018
R932
100K
C650
0.1
R614
3300
R574
330
C530
0.033
Q510
RSR015P03
Q565
2SB1218AR
D538
02DZ5.1
Q564
2SB1218AR
D598
02DZ5.1
Q541
2SK3018
R537
100K
C587
3300P
R576
12K
R585
33K
R562
4.7K[F]
D520
MA111
R560
9.1K
Q509
HN1A01F
VLOW DET
R561
5.1K
R659
30K
R660
12K
R661
5K
Vlow
R675
22K
Q566
2SD1819A-RTX
R645
100
D602
02DZ8.2
C657
1000P
R651
10K
R653
33K
R933
1K
R670
1000
D569
02DZ24Z
D570
02DZ24Z
D571
02DZ24Z
D572
02DZ24Z
R666
1000
R545
10K
D551
02DZ13
D574
MA165
D579
MA165
R579
10K
D549
02DZ24Z
C551
0.1
C552
0.1
R937
1K
C523
1.0
L510
EXCELDR25V
Z1
Q508
HN1C01F
VLOW DET
R641
47K
C601
0.01
R650
10K
R649
22K
AA
AB
AC
AD
AE
AF
AG
AH
AI
AJ
AK
AL
AM
AN
AO
AP
AQ
AR
AS
AT
TO P-BOARD (4/6)
10
11
12
13
14
15
16
17
18

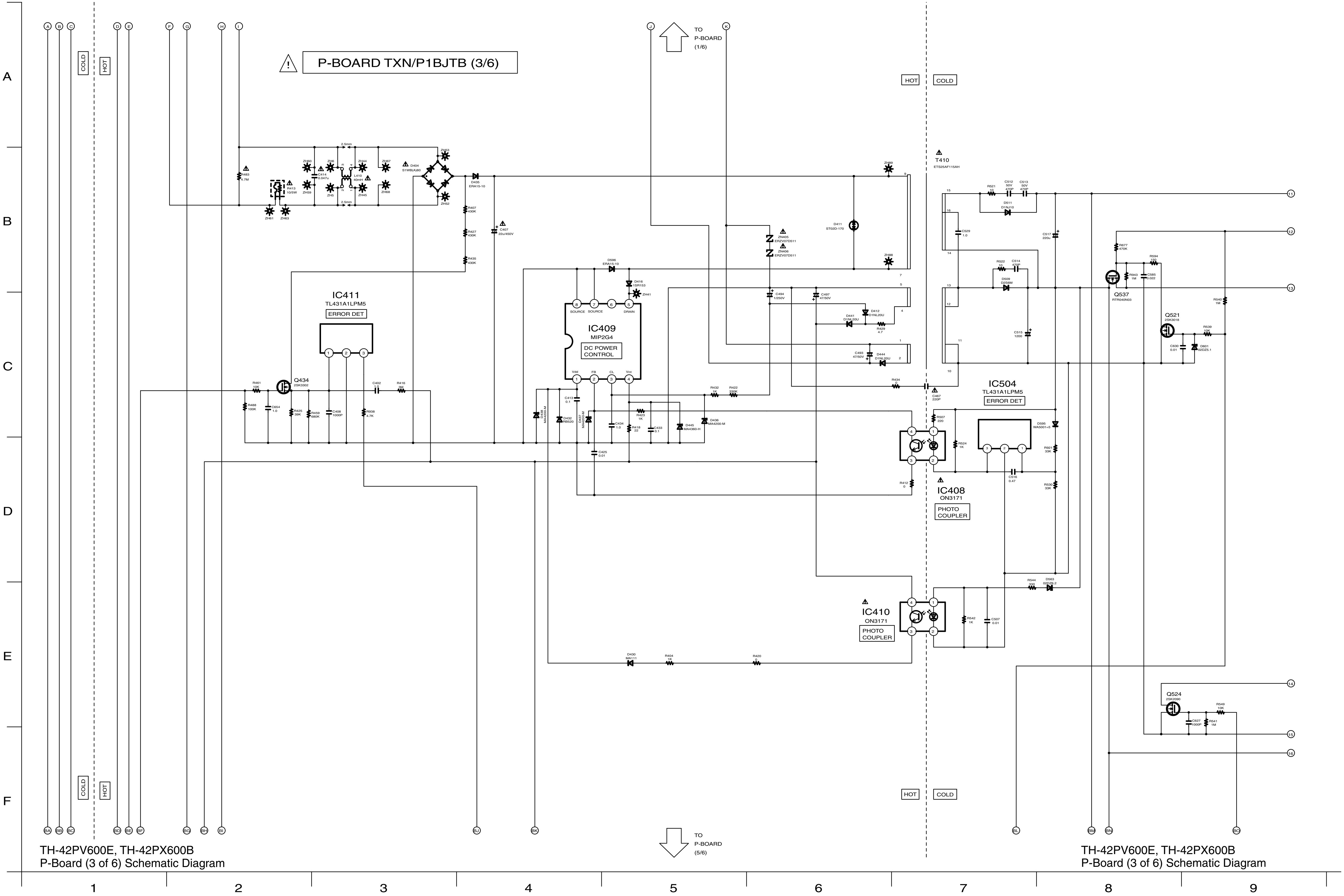
TH-42PV600E, TH-42PX600B
P-Board (2 of 6) Schematic Diagram

TH-42PV600E, TH-42PX600B
P-Board (2 of 6) Schematic Diagram


P-BOARD TXN/P1BKTB (3/6)
TO P-BOARD (1/6)
TO P-BOARD (5/6)
HOT
COLD
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
R483 4.7M
R413 10/5W
ZH60
ZH59
ZH61
ZH63
C414 0.047u
ZH6
ZH5
1mm
L410 40mH
ZH44
ZH45
ZH67
ZH68
D404 S1WB(A)80
ZH53
ZH52
D435 ERA15-10
R407 430K
R427 430K
R435 430K
C407 22u/450V
IC411
TL431A1LPM5
ERROR DET
Q434
2SK3302
R461 10K
R488 100K
C654 1.0
R425 39K
R459 680K
C402 1.0
R416 3M
C408 1000P
R938 4.7K
D438 MA4200-M
D596 ERA15-10
D416 1SR153
ZH41
SOURCE
SOURCE
DRAIN
IC409
MIP2G4
DC POWER CONTROL
Vdd
FB
CL
Vcc
C413 0.1
D432 RB520
D437 MA4200-M
C434 1.0
R418 22
C433 0.1
C425 0.01
D445 MA4360-H
D436 MA4200-M
R432 1K
R422 330K
R423 1K
ZN405 510V
ZN406 510V
C494 1u/250V
D411 ST02D-170
ZH89
ZH88
C497 47/50V
D441 D1NL20U
D412 D1NL20U
R429 4.7
C493 47/50V
D444 D1NL20U
R434 0
C467 220P
T410
ETS25AF115AH
R521 10
C512 50V 470P
C513 50V 470P
D511 D1NJ10
C529 1.0
C517 220u
R522 10
C514 50V 470P
D509 D2S6M
C515 1200
R677 470K
R594 150
R943 1M
C585 0.1
Q537
RTR040N03
Q521
2SK3018
R539 10K
R540 1M
C630 0.01
D601 02DZ5.1
IC504
TL431A1LPM5
ERROR DET
R507 220
R524 1K
D595 WA5001=5
R921 33K
R530 33K
C516 0.47
R412 0
IC408
ON3171
PHOTO COUPLER
R544 330
D563 02DZ6.2
IC410
ON3171
PHOTO COUPLER
R542 1K
C507 0.01
D430 MA111
R404 1K
R420 0
Q524
2SK2090
C627 1000P
R541 1M
R549 10K
11
12
13
14
15
BA
BB
BC
BD
BE
BF
BG
BH
BI
BJ
BK
BL
BM
BN
BO
BP

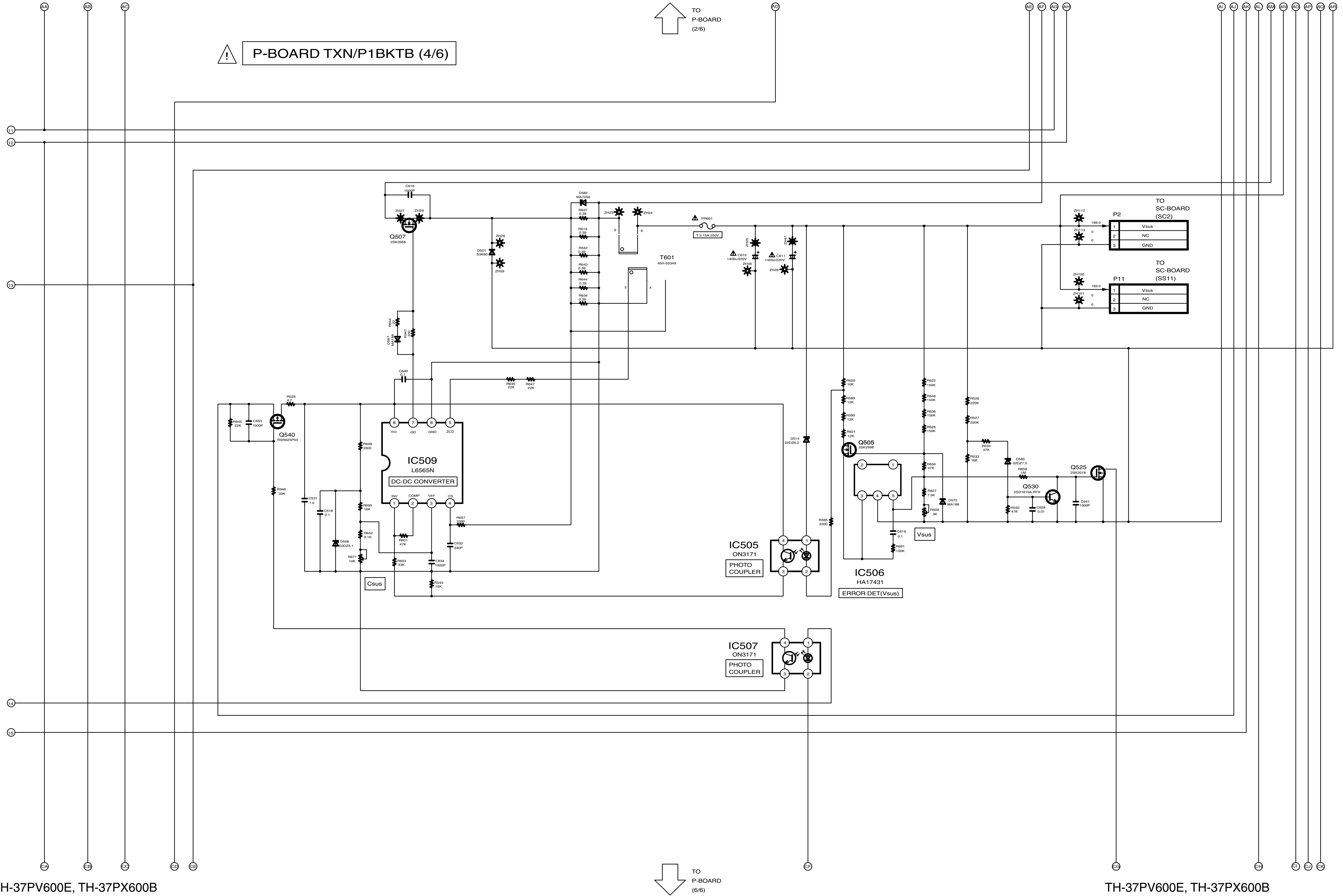
TH-37PV600E, TH-37PX600B
P-Board (3 of 6) Schematic Diagram

TH-37PV600E, TH-37PX600B
P-Board (3 of 6) Schematic Diagram


P-BOARD TXN/P1BJTB (3/6)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
COLD
HOT
A
B
C
D
E
F
G
H
I
J
K
TO
P-BOARD
(1/6)
TO
P-BOARD
(5/6)
BA
BB
BC
BD
BE
BF
BG
BH
BI
BJ
BK
BL
BM
BN
BO
11
12
13
14
15
16
R483
4.7M
R413
10/5W
ZH61
ZH63
ZH60
ZH59
C414
0.047u
ZH6
ZH5
L410
40mH
2.5mm
ZH44
ZH45
ZH67
ZH68
D404
S1WB(A)80
ZH53
ZH52
D435
ERA15-10
R407
430K
R427
430K
R435
430K
C407
22u/450V
IC411
TL431A1LPM5
ERROR DET
Q434
2SK3302
R461
10K
R488
100K
C654
1.0
R425
39K
R459
680K
C408
1000P
R938
4.7K
C402
1.0
R416
3M
D596
ERA15-10
D416
1SR153
ZH41
SOURCE
SOURCE
DRAIN
IC409
MIP2G4
DC POWER
CONTROL
Vdd
FB
CL
Vcc
C413
0.1
D438
MA4200-M
D432
RB520
D437
MA4200-M
C434
1.0
R423
1K
R418
22
C433
0.1
D445
MA4360-H
D436
MA4200-M
C425
0.01
R432
1K
R422
330K
ZN405
ERZV07D511
ZN406
ERZV07D511
D411
ST02D-170
ZH89
ZH88
C494
1/250V
C497
47/50V
D412
D1NL20U
D441
D1NL20U
R429
4.7
C493
47/50V
D444
D1NL20U
R434
0
C467
220P
HOT
COLD
T410
ETS25AF115AH
R521
10
C512
50V
470P
C513
50V
470P
D511
D1NJ10
C529
1.0
C517
220u
R522
10
C514
470P
D509
D2S6M
C515
1200
R677
470K
R943
1M
C585
0.022
R594
150
Q537
RTR040N03
R540
1M
Q521
2SK3018
R539
10K
C630
0.01
D601
02DZ5.1
IC504
TL431A1LPM5
ERROR DET
R507
220
R524
1K
D595
WA5001=5
R921
33K
C516
0.47
R530
33K
R412
0
IC408
ON3171
PHOTO
COUPLER
R544
330
D563
02DZ6.2
IC410
ON3171
PHOTO
COUPLER
R542
1K
C507
0.01
D430
MA111
R404
1K
R420
0
Q524
2SK2090
C627
1000P
R541
1M
R549
10K

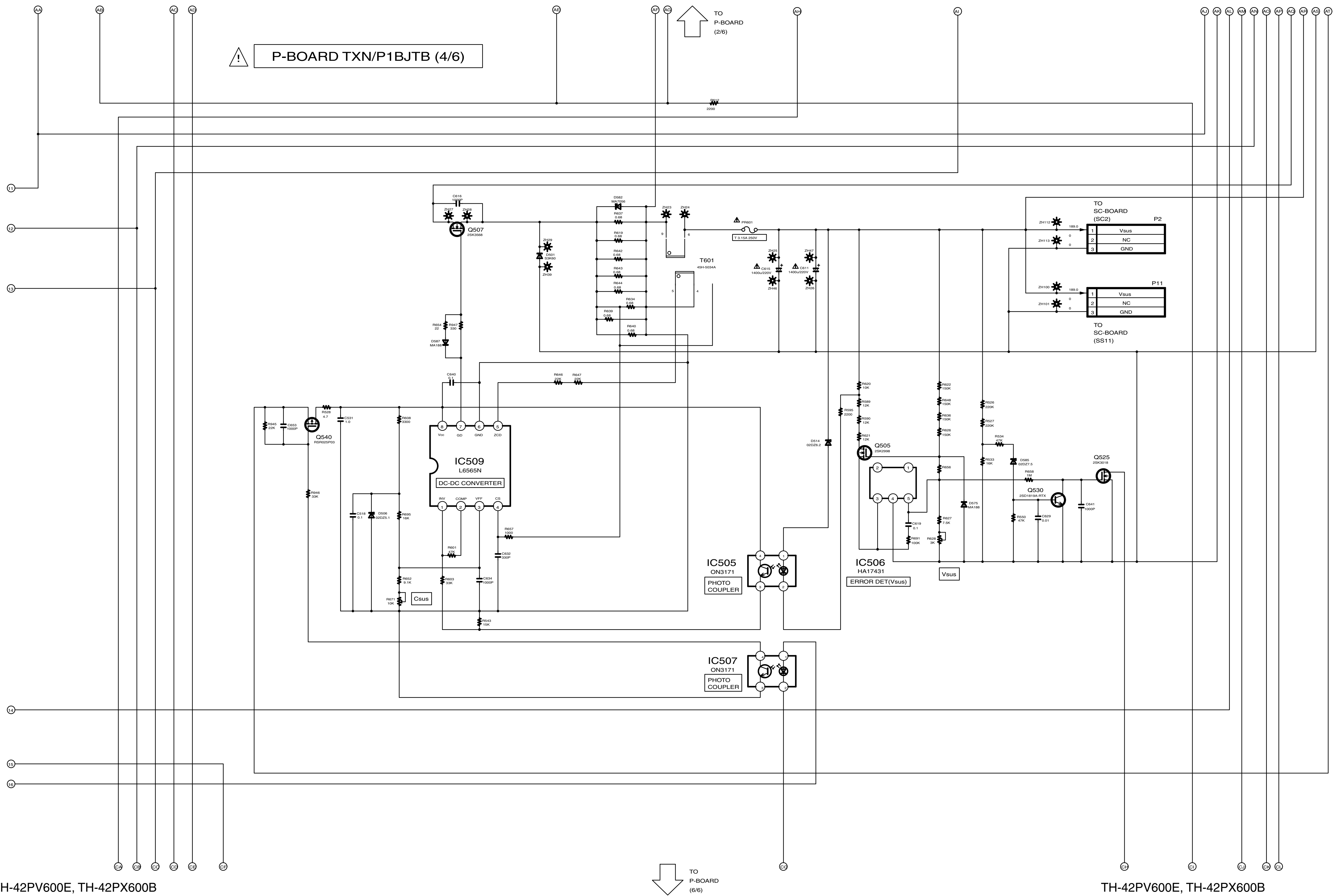
TH-42PV600E, TH-42PX600B
P-Board (3 of 6) Schematic Diagram

TH-42PV600E, TH-42PX600B
P-Board (3 of 6) Schematic Diagram


P-BOARD TXN/P1BKTB (4/6)
TO
P-BOARD
(2/6)
TO
P-BOARD
(6/6)
AA
AB
AC
AD
AE
AF
AG
AH
AI
AJ
AK
AL
AM
AN
AO
AP
AQ
AR
11
12
13
14
15
CA
CB
CC
CD
CE
CF
CG
CH
CI
CJ
CK
C616
1000P
ZH27
ZH28
Q507
2SK3568
ZH29
D501
S3K60
ZH39
R654
22
D587
MA188
R947
330
C640
0.1
D582
MA7056
R637
0.39
R619
0.39
R642
0.39
R643
0.39
R644
0.39
R634
0.39
ZH23
ZH24
9
6
5
4
T601
45H-5034A
R646
22K
R647
22K
PR601
T 3.15A 250V
ZH25
C615
1400u/220V
ZH46
ZH47
C611
1400u/220V
ZH26
TO
SC-BOARD
(SC2)
P2
ZH112
ZH113
189.0
0
0
1
Vsus
2
NC
3
GND
TO
SC-BOARD
(SS11)
P11
ZH100
ZH101
189.0
0
0
1
Vsus
2
NC
3
GND
R528
4.7
R945
22K
C653
1000P
Q540
RSR025P03
R946
33K
C531
1.0
C518
0.1
D506
02DZ5.1
R608
3300
R695
16K
R652
9.1K
R671
10K
Csus
8
Vcc
7
GD
6
GND
5
ZCD
IC509
L6565N
DC-DC CONVERTER
INV
1
COMP
2
VFF
3
CS
4
R601
47K
R603
33K
C634
1000P
R543
15K
R657
1000
C632
330P
IC505
ON3171
PHOTO
COUPLER
D514
02DZ6.2
R595
2200
R620
10K
R589
12K
R590
12K
R621
12K
Q505
2SK2998
IC506
HA17431
ERROR DET(Vsus)
C619
0.1
R691
100K
R622
150K
R648
150K
R636
150K
R626
150K
R656
47K
R627
7.5K
R628
3K
D575
MA188
Vsus
R526
220K
R527
220K
R533
16K
R534
47K
D585
02DZ7.5
R658
1M
Q530
2SD1819A-RTX
R550
47K
C629
0.01
C641
1000P
Q525
2SK3018
IC507
ON3171
PHOTO
COUPLER

TH-37PV600E, TH-37PX600B
P-Board (4 of 6) Schematic Diagram

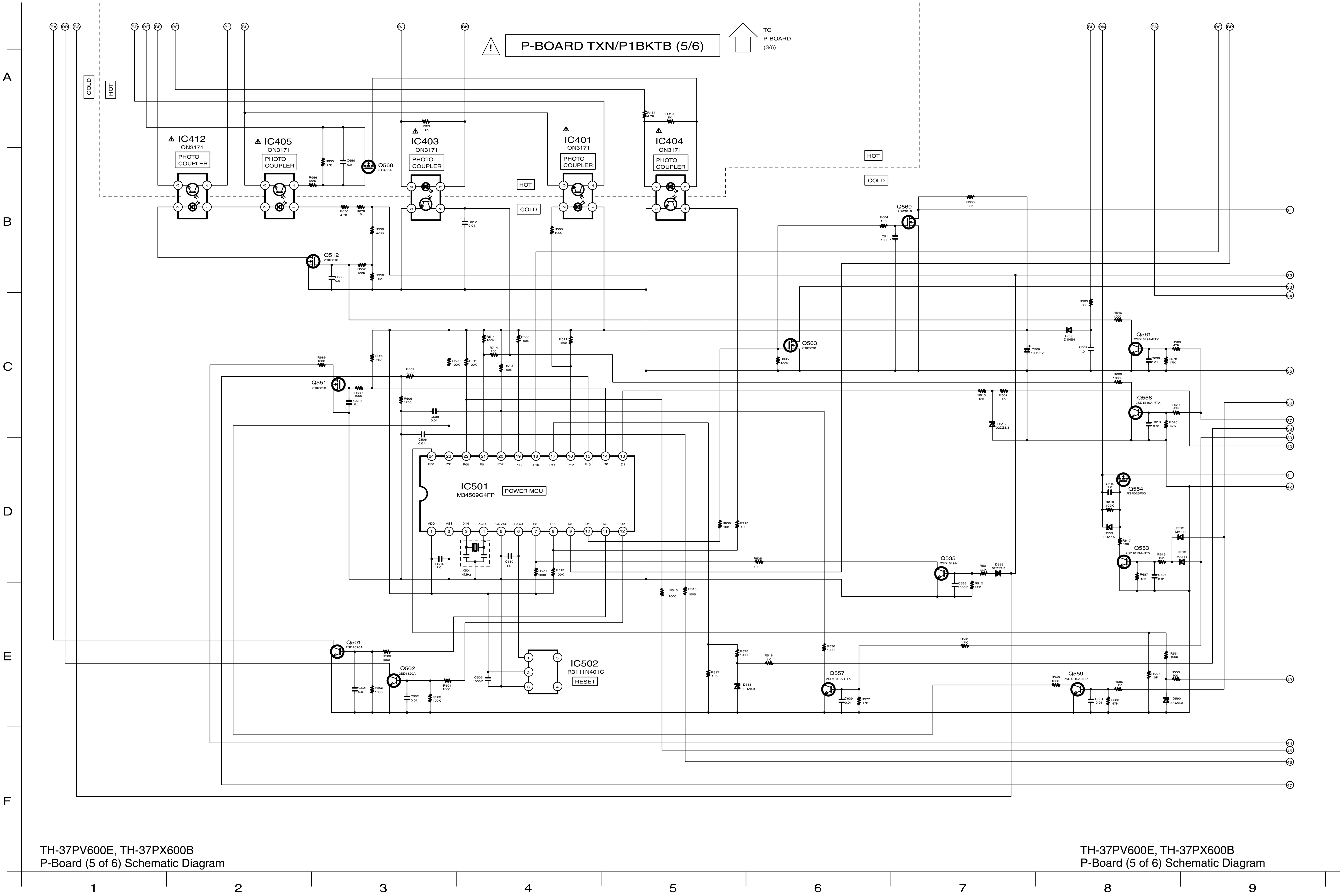
P-BOARD TXN/P1BJTB (4/6)


AA
AB
AC
AD
AE
AF
AG
AH
AI
AJ
AK
AL
AM
AN
AO
AP
AQ
AR
AS
AT
TO
P-BOARD
(2/6)
R612
2200
11
12
13
14
15
16
C616
1000P
ZH27
ZH28
Q507
2SK3568
ZH29
D501
S3K60
ZH39
D582
MA7056
R637
0.68
R619
0.68
R642
0.68
R643
0.68
R644
0.68
R634
0.68
R639
0.68
R640
0.68
ZH23
ZH24
9
6
5
4
T601
45H-5034A
PR601
T 3.15A 250V
ZH25
C615
1400u/220V
ZH46
ZH47
C611
1400u/220V
ZH26
ZH112
189.0
0
0
ZH113
TO
SC-BOARD
(SC2)
P2
1 Vsus
2 NC
3 GND
ZH100
189.0
0
0
ZH101
P11
1 Vsus
2 NC
3 GND
TO
SC-BOARD
(SS11)
R654
22
R947
330
D587
MA188
C640
0.1
R646
22K
R647
22K
R945
22K
C653
1000P
R528
4.7
Q540
RSR025P03
C531
1.0
R608
3300
8 Vcc
7 GD
6 GND
5 ZCD
IC509
L6565N
DC-DC CONVERTER
INV 1
COMP 2
VFF 3
CS 4
R946
33K
C518
0.1
D506
02DZ5.1
R695
16K
R657
1000
R601
47K
C632
330P
R652
9.1K
R603
33K
C634
1000P
R671
10K
Csus
R543
15K
IC505
ON3171
PHOTO COUPLER
IC507
ON3171
PHOTO COUPLER
D514
02DZ6.2
R595
2200
R620
10K
R589
12K
R590
12K
R621
12K
Q505
2SK2998
IC506
HA17431
ERROR DET(Vsus)
C619
0.1
R691
100K
R622
150K
R648
150K
R636
150K
R626
150K
R656
R627
7.5K
R628
3K
Vsus
D575
MA188
R526
220K
R527
220K
R533
16K
R534
47K
D585
02DZ7.5
R658
1M
Q530
2SD1819A-RTX
R550
47K
C629
0.01
Q525
2SK3018
C641
1000P
CA
CB
CC
CD
CE
CF
TO
P-BOARD
(6/6)
CG
CH
CI
CJ
CK
CL

TH-42PV600E, TH-42PX600B
P-Board (4 of 6) Schematic Diagram

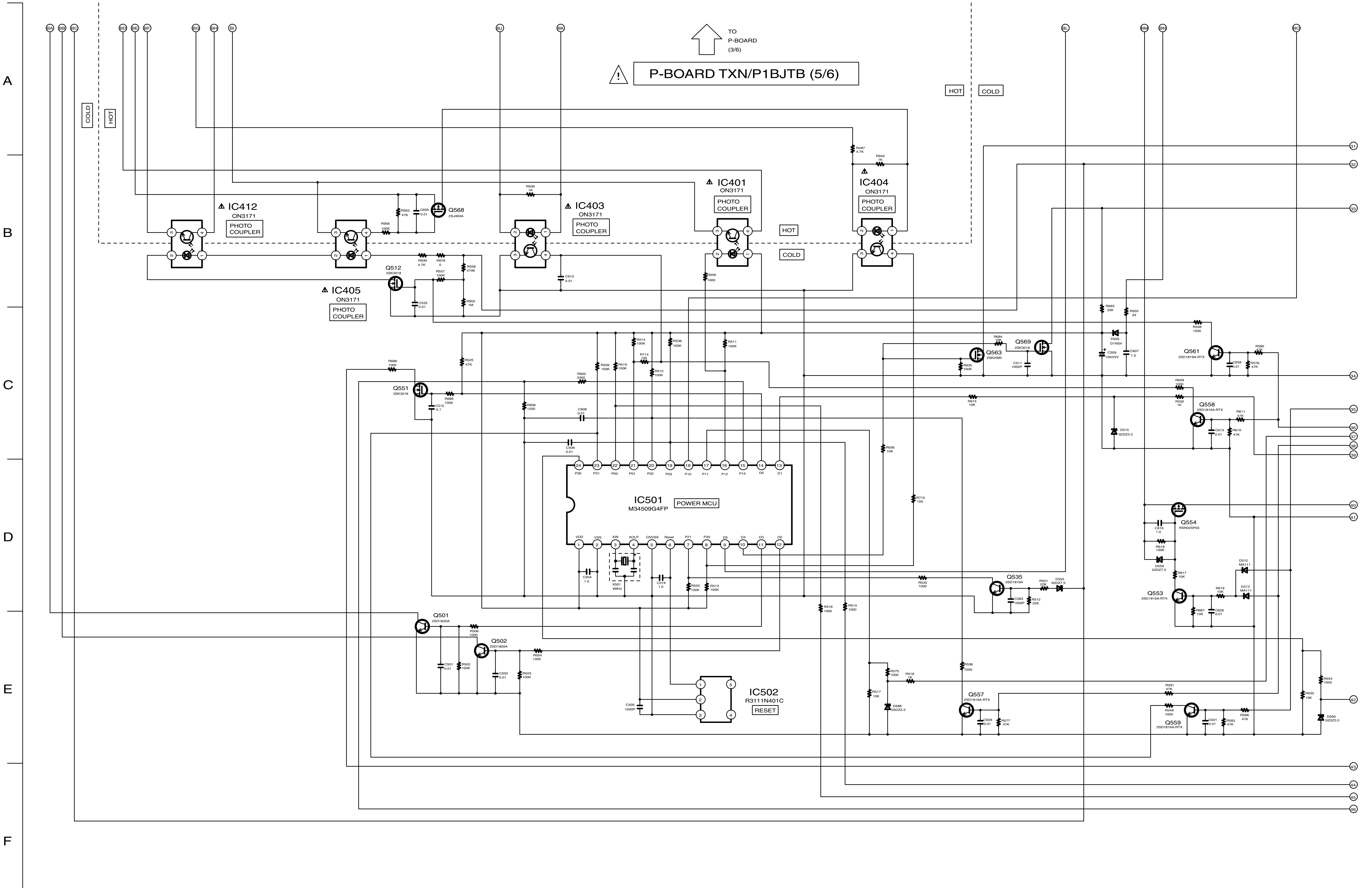
TH-42PV600E, TH-42PX600B
P-Board (4 of 6) Schematic Diagram

10 11 12 13 14 15 16 17 18


P-BOARD TXN/P1BKTB (5/6)
TO P-BOARD (3/6)
COLD
HOT
IC412 ON3171 PHOTO COUPLER
IC405 ON3171 PHOTO COUPLER
IC403 ON3171 PHOTO COUPLER
IC401 ON3171 PHOTO COUPLER
IC404 ON3171 PHOTO COUPLER
Q568 2SJ463A
Q512 2SK3018
Q569 2SK3018
Q563 2SK2090
Q551 2SK3018
Q561 2SD1819A-RTX
Q558 2SD1819A-RTX
Q554 RSR025P03
Q553 2SD1819A-RTX
Q535 2SD1819A
Q501 2SD1820A
Q502 2SD1820A
Q557 2SD1819A-RTX
Q559 2SD1819A-RTX
IC501 M34509G4FP POWER MCU
IC502 R3111N401C RESET
X501 4MHz
P30 P31 P00 P01 P02 P03 P10 P11 P12 P13 D0 D1
VDD VSS XIN XOUT CNVSS Reset P21 P20 D5 D4 D3 D2
BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47
A B C D E F
1 2 3 4 5 6 7 8 9

TH-37PV600E, TH-37PX600B
P-Board (5 of 6) Schematic Diagram

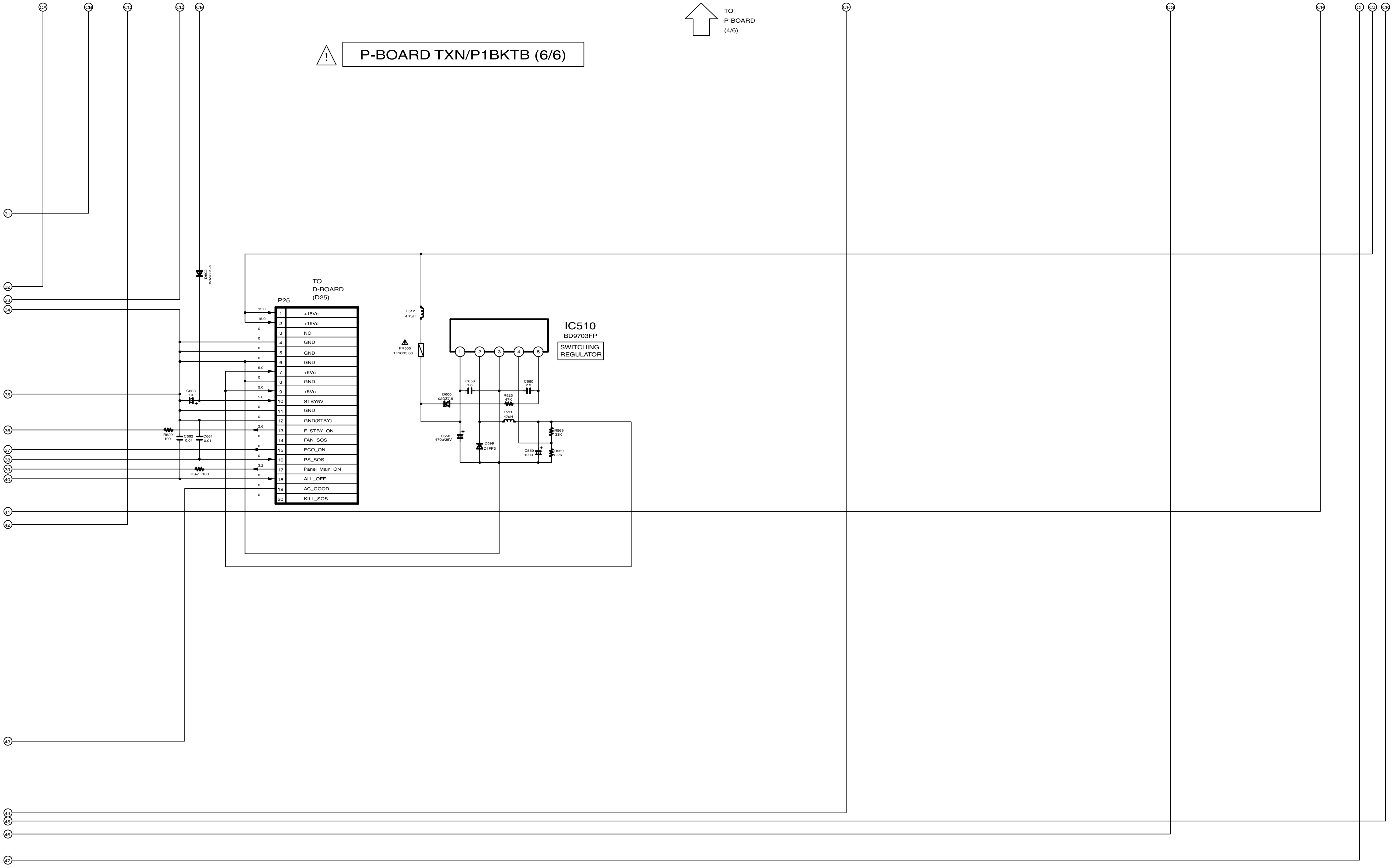
TH-37PV600E, TH-37PX600B
P-Board (5 of 6) Schematic Diagram

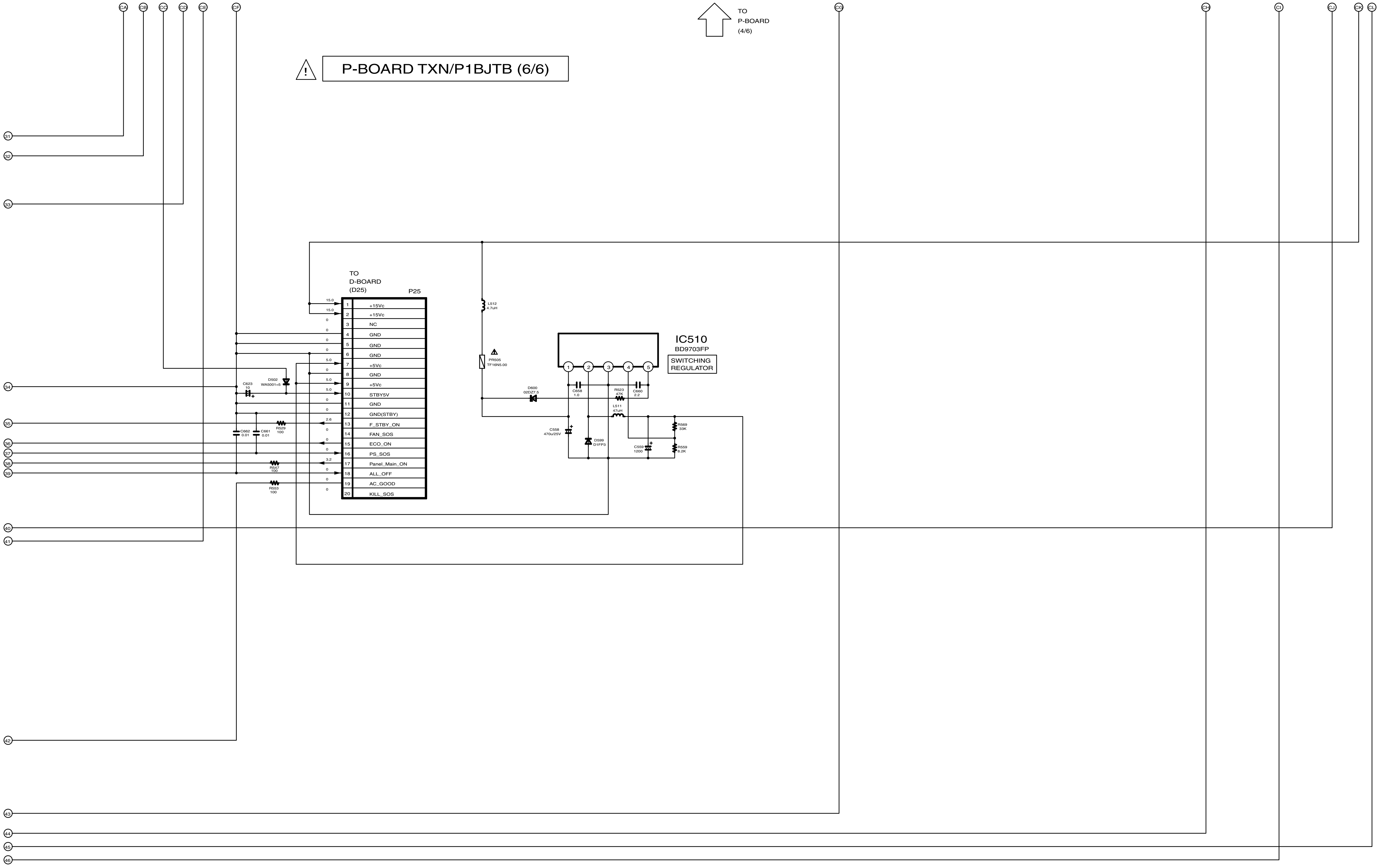

P-BOARD TXN/P1BJTB (5/6)
TO P-BOARD (3/6)
HOT
COLD
IC412 ON3171 PHOTO COUPLER
IC403 ON3171 PHOTO COUPLER
IC401 ON3171 PHOTO COUPLER
IC404 ON3171 PHOTO COUPLER
IC405 ON3171 PHOTO COUPLER
Q568 2SJ463A
Q512 2SK3018
Q551 2SK3018
Q563 2SK2090
Q569 2SK3018
Q561 2SD1819A-RTX
Q558 2SD1819A-RTX
Q554 RSR025P03
Q553 2SD1819A-RTX
Q535 2SD1819A
Q557 2SD1819A-RTX
Q559 2SD1819A-RTX
Q501 2SD1820A
Q502 2SD1820A
IC501 M34509G4FP POWER MCU
IC502 R3111N401C RESET
X501 4MHz
VDD VSS XIN XOUT CNVSS Reset P21 P20 D5 D4 D3 D2
P30 P31 P00 P01 P02 P03 P10 P11 P12 P13 D0 D1
BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46
A B C D E F
1 2 3 4 5 6 7 8 9

TH-42PV600E, TH-42PX600B
P-Board (5 of 6) Schematic Diagram

TH-42PV600E, TH-42PX600B
P-Board (5 of 6) Schematic Diagram

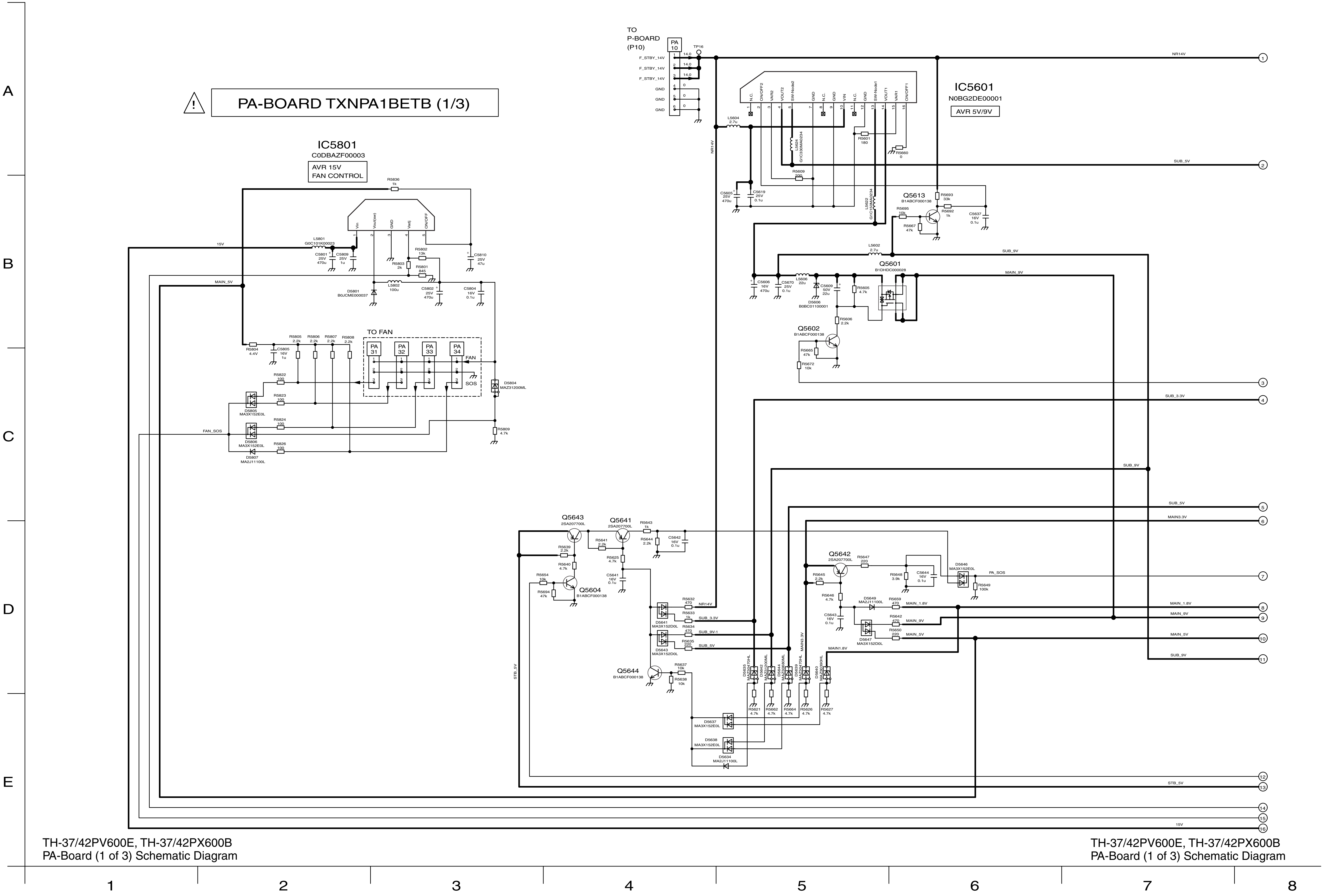
P-BOARD TXN/P1BKTB (6/6)


CA
CB
CC
CD
CE
CF
CG
CH
CI
CJ
CK
TO
P-BOARD
(4/6)
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
D502
WA5001=5
TO
D-BOARD
(D25)
P25
15.0
15.0
0
0
0
0
5.0
0
5.0
5.0
0
0
2.6
0
0
0
3.2
0
0
0
1 +15Vc
2 +15Vc
3 NC
4 GND
5 GND
6 GND
7 +5Vc
8 GND
9 +5Vc
10 STBY5V
11 GND
12 GND(STBY)
13 F_STBY_ON
14 FAN_SOS
15 ECO_ON
16 PS_SOS
17 Panel_Main_ON
18 ALL_OFF
19 AC_GOOD
20 KILL_SOS
C623
10
R529
100
C662
0.01
C661
0.01
R547 100
L512
4.7uH
PR505
TF16N5.00
IC510
BD9703FP
SWITCHING
REGULATOR
1
2
3
4
5
C658
1.0
C660
2.2
D600
02DZ7.5
R523
47K
L511
47uH
C558
470u/25V
D599
D1FP3
R569
33K
C559
1200
R559
8.2K



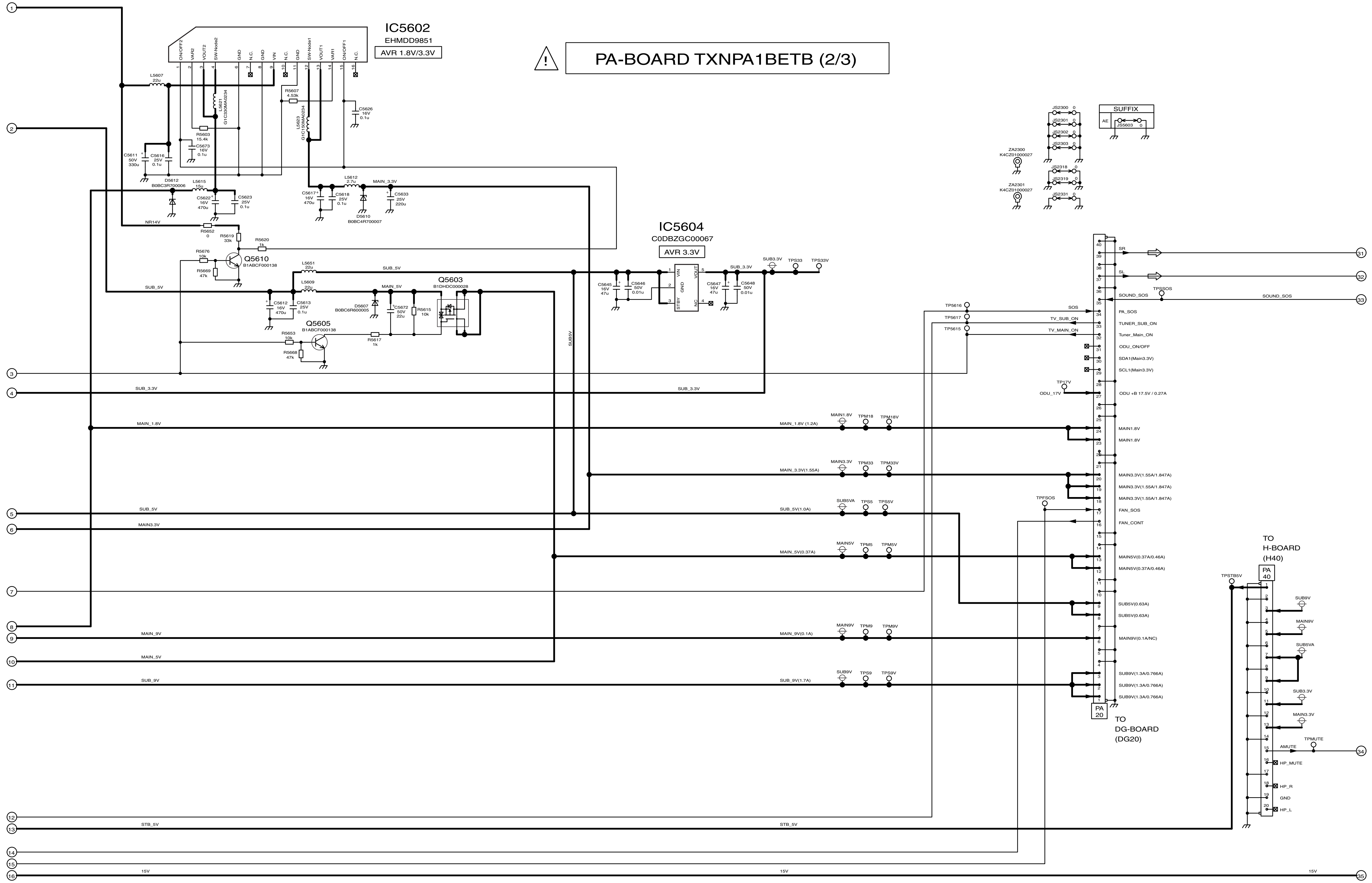
CA
CB
CC
CD
CE
CF
TO
P-BOARD
(4/6)
CG
CH
CI
CJ
CK
CL
P-BOARD TXN/P1BJTB (6/6)
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
TO
D-BOARD
(D25)
P25
1 +15Vc 15.0
2 +15Vc 15.0
3 NC 0
4 GND 0
5 GND 0
6 GND 0
7 +5Vc 5.0
8 GND 0
9 +5Vc 5.0
10 STBY5V 5.0
11 GND 0
12 GND(STBY) 0
13 F_STBY_ON 2.6
14 FAN_SOS 0
15 ECO_ON 0
16 PS_SOS 0
17 Panel_Main_ON 3.2
18 ALL_OFF 0
19 AC_GOOD 0
20 KILL_SOS 0
C623
10
D502
WA5001=5
C662
0.01
C661
0.01
R529
100
R547
100
R553
100
L512
4.7uH
PR505
TF16N5.00
D600
02DZ7.5
IC510
BD9703FP
SWITCHING
REGULATOR
1
2
3
4
5
C658
1.0
R523
47K
C660
2.2
L511
47uH
C558
470u/25V
D599
D1FP3
C559
1200
R569
33K
R559
8.2K

PA-BOARD TXNPA1BETB (1/3)


A
B
C
D
E
1
2
3
4
5
6
7
8
IC5801
C0DBAZF00003
AVR 15V
FAN CONTROL
Vin
Vout(sw)
GND
Vadj
ON/OFF
R5836
1k
15V
L5801
G0C101K00023
C5801
25V
470u
C5809
25V
1u
R5802
13k
R5803
2k
R5801
845
C5810
25V
47u
MAIN_5V
D5801
B0JCME000037
L5802
100u
C5802
25V
470u
C5804
16V
0.1u
TO FAN
PA 31
PA 32
PA 33
PA 34
FAN
SOS
R5804
4.4V
C5805
16V
1u
R5805
2.2k
R5806
2.2k
R5807
2.2k
R5808
2.2k
R5822
100
R5823
100
R5824
100
R5826
100
D5805
MA3X152E0L
D5806
MA3X152E0L
D5807
MA2J11100L
FAN_SOS
D5804
MAZ31200ML
R5809
4.7k
TO
P-BOARD
(P10)
PA 10
TP16
F_STBY_14V
GND
14.0
0
NR14V
IC5601
N0BG2DE00001
AVR 5V/9V
N.C.
ON/OFF2
VAR2
VOUT2
SW-Node2
GND
VIN
SW-Node1
VOUT1
VAR1
ON/OFF1
L5604
2.7u
L5624
G1C330MA0234
R5601
180
R5660
0
R5609
200
C5605
25V
470u
C5619
25V
0.1u
L5622
G1C150MA0234
Q5613
B1ABCF000138
R5693
33k
R5692
1k
R5695
10k
R5667
47k
C5637
16V
0.1u
SUB_5V
L5602
2.7u
SUB_9V
Q5601
B1DHDC000028
MAIN_9V
C5606
16V
470u
C5670
25V
0.1u
L5606
22u
C5609
50V
22u
D5606
B0BC01100001
R5605
4.7k
R5606
2.2k
Q5602
B1ABCF000138
R5665
47k
R5672
10k
SUB_3.3V
MAIN3.3V
Q5643
2SA207700L
Q5641
2SA207700L
R5643
1k
R5644
2.2k
C5642
16V
0.1u
R5641
2.2k
R5639
2.2k
R5640
4.7k
R5625
4.7k
C5641
16V
0.1u
R5654
10k
R5694
47k
Q5604
B1ABCF000138
Q5642
2SA207700L
R5647
220
R5648
3.9k
C5644
16V
0.1u
D5646
MA3X152E0L
PA_SOS
R5649
100k
R5645
2.2k
R5646
4.7k
D5649
MA2J11100L
R5659
470
MAIN_1.8V
C5643
16V
0.1u
R5642
470
R5650
220
D5647
MA3X152D0L
MAIN_5V
R5632
470
R5633
1k
R5634
470
R5635
220
SUB_9V-1
D5641
MA3X152D0L
D5643
MA3X152D0L
Q5644
B1ABCF000138
R5637
10k
R5638
10k
STB_5V
MAIN1.8V
D5635
D5642
D5644
D5639
D5640
R5621
4.7k
R5662
4.7k
R5664
4.7k
R5626
4.7k
R5627
4.7k
D5637
MA3X152E0L
D5638
MA3X152E0L
D5634
MA2J11100L
①
②
③
④
⑤
⑥
⑦
⑧
⑨
⑩
⑪
⑫
⑬
⑭
⑮
⑯

TH-37/42PV600E, TH-37/42PX600B
PA-Board (1 of 3) Schematic Diagram

TH-37/42PV600E, TH-37/42PX600B
PA-Board (1 of 3) Schematic Diagram


PA-BOARD TXNPA1BETB (2/3)
IC5602
EHMDD9851
AVR 1.8V/3.3V
ON/OFF2
VAR2
VOUT2
SW-Node2
GND
N.C.
VIN
SW-Node1
VOUT1
VAR1
ON/OFF1
L5607 22u
L5621 G1C330MA0234
L5623 G1C150MA0234
R5603 15.4k
R5607 4.53k
C5626 16V 0.1u
C5611 50V 330u
C5616 25V 0.1u
C5673 16V 0.1u
D5612 B0BC3R700006
L5615 15u
C5622 16V 470u
C5623 25V 0.1u
L5612 2.7u
MAIN_3.3V
C5617 16V 470u
C5618 25V 0.1u
C5633 25V 220u
D5610 B0BC4R700007
NR14V
R5652 0
R5619 33k
R5620 1k
R5676 10k
R5669 47k
Q5610
B1ABCF000138
L5651 22u
L5609 22u
SUB_5V
MAIN_5V
Q5603
B1DHDC000028
C5612 16V 470u
C5613 25V 0.1u
D5607 B0BC6R600005
C5672 50V 22u
R5615 10k
Q5605
B1ABCF000138
R5653 10k
R5668 47k
R5617 1k
SUB5V
IC5604
C0DBZGC00067
AVR 3.3V
VIN
GND
STBY
VOUT
NC
C5645 16V 47u
C5646 50V 0.01u
C5647 16V 47u
C5648 50V 0.01u
SUB_3.3V
SUB3.3V
TPS33
TPS33V
JS2300
JS2301
JS2302
JS2303
JS2318
JS2319
JS2331
ZA2300 K4CZ01000027
ZA2301 K4CZ01000027
SUFFIX
AE
JS5603
SUB_3.3V
MAIN_1.8V
MAIN_1.8V (1.2A)
MAIN1.8V
TPM18
TPM18V
MAIN_3.3V(1.55A)
MAIN3.3V
TPM33
TPM33V
SUB_5V(1.0A)
SUB5VA
TPS5
TPS5V
MAIN3.3V
MAIN_5V(0.37A)
MAIN5V
TPM5
TPM5V
MAIN_9V
MAIN_9V(0.1A)
MAIN9V
TPM9
TPM9V
MAIN_5V
SUB_9V
SUB_9V(1.7A)
SUB9V
TPS9
TPS9V
STB_5V
15V
TP5616
TP5617
TP5615
SOS
TV_SUB_ON
TV_MAIN_ON
TP17V
ODU_17V
TPFSOS
SR
SL
SOUND_SOS
TPSSOS
PA_SOS
TUNER_SUB_ON
Tuner_Main_ON
ODU_ON/OFF
SDA1(Main3.3V)
SCL1(Main3.3V)
ODU +B 17.5V / 0.27A
MAIN1.8V
MAIN3.3V(1.55A/1.847A)
FAN_SOS
FAN_CONT
MAIN5V(0.37A/0.46A)
SUB5V(0.63A)
MAIN9V(0.1A/NC)
SUB9V(1.3A/0.766A)
PA 20
TO DG-BOARD (DG20)
TO H-BOARD (H40)
PA 40
TPSTB5V
SUB9V
MAIN9V
SUB5VA
SUB3.3V
MAIN3.3V
TPMUTE
AMUTE
HP_MUTE
HP_R
GND
HP_L
①
②
③
④
⑤
⑥
⑦
⑧
⑨
⑩
⑪
⑫
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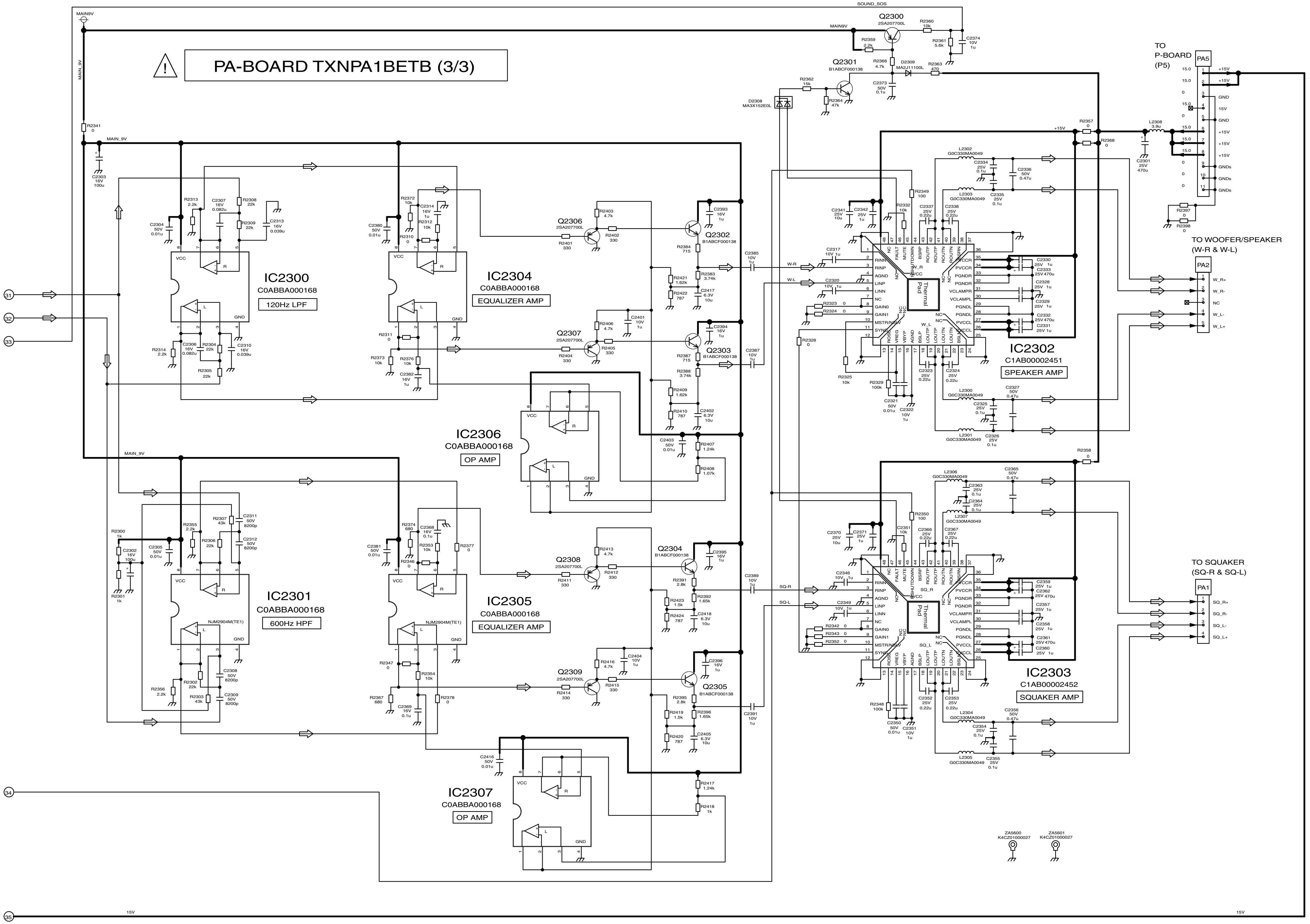
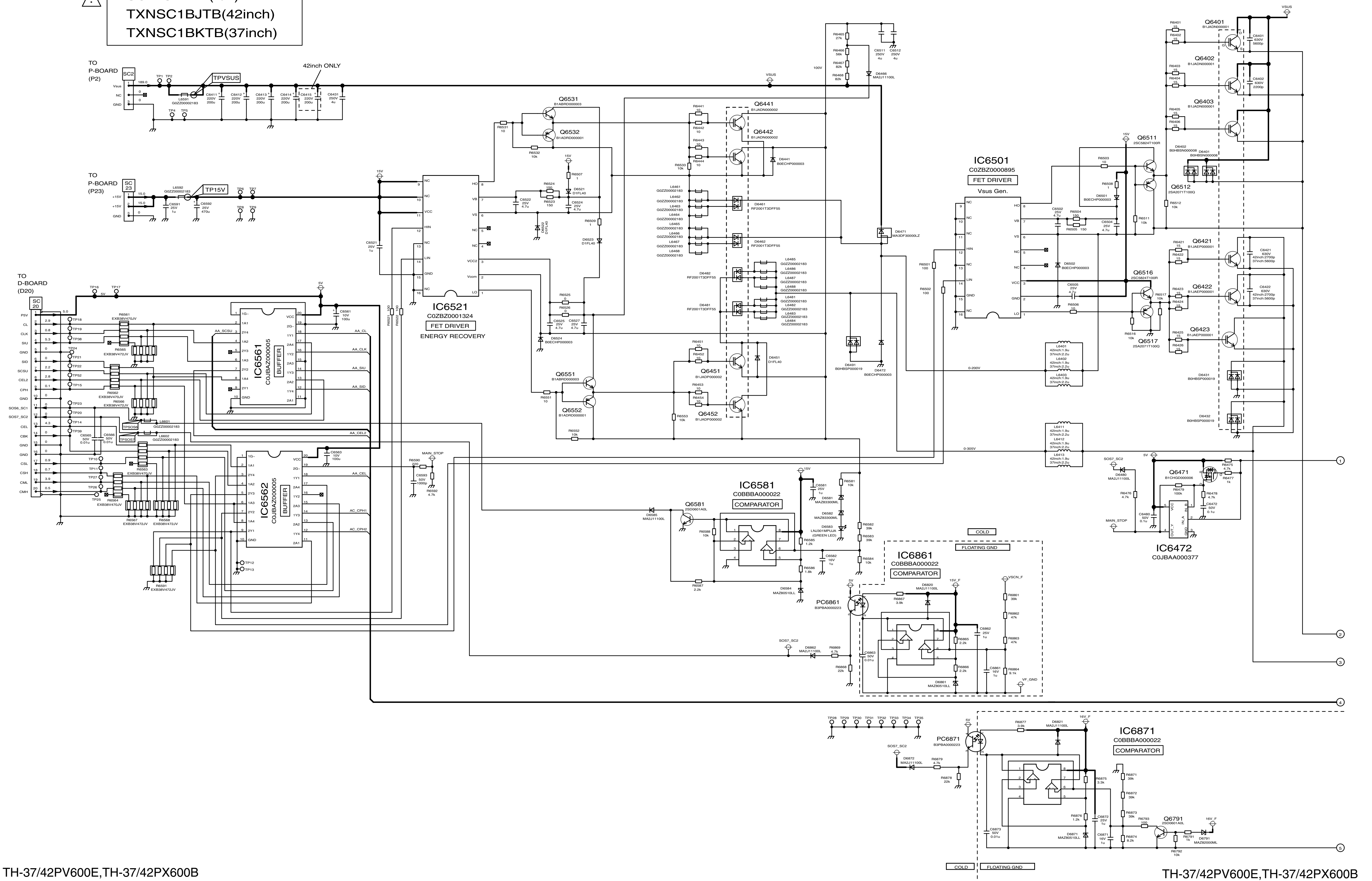
TH-37/42PV600E, TH-37/42PX600B
PA-Board (2 of 3) Schematic Diagram


PA-BOARD TXNPA1BETB (3/3)
IC2300
C0ABBA000168
120Hz LPF
IC2301
C0ABBA000168
600Hz HPF
IC2304
C0ABBA000168
EQUALIZER AMP
IC2305
C0ABBA000168
EQUALIZER AMP
IC2306
C0ABBA000168
OP AMP
IC2307
C0ABBA000168
OP AMP
IC2302
C1AB00002451
SPEAKER AMP
IC2303
C1AB00002452
SQUAKER AMP
Q2300
2SA207700L
Q2301
B1ABCF000138
Q2302
B1ABCF000138
Q2303
B1ABCF000138
Q2304
B1ABCF000138
Q2305
B1ABCF000138
Q2306
2SA207700L
Q2307
2SA207700L
Q2308
2SA207700L
Q2309
2SA207700L
D2308
MA3X152E0L
D2309
MA2J11100L
TO
P-BOARD
(P5)
PA5
TO WOOFER/SPEAKER
(W-R & W-L)
PA2
TO SQUAKER
(SQ-R & SQ-L)
PA1
MAIN9V
MAIN_9V
SOUND_SOS
15V
+15V
GND
GNDs
W_R+
W_R-
NC
W_L-
W_L+
SQ_R+
SQ_R-
SQ_L-
SQ_L+
Thermal Pad
ZA5600
K4CZ01000027
ZA5601
K4CZ01000027
31
32
33
34
35

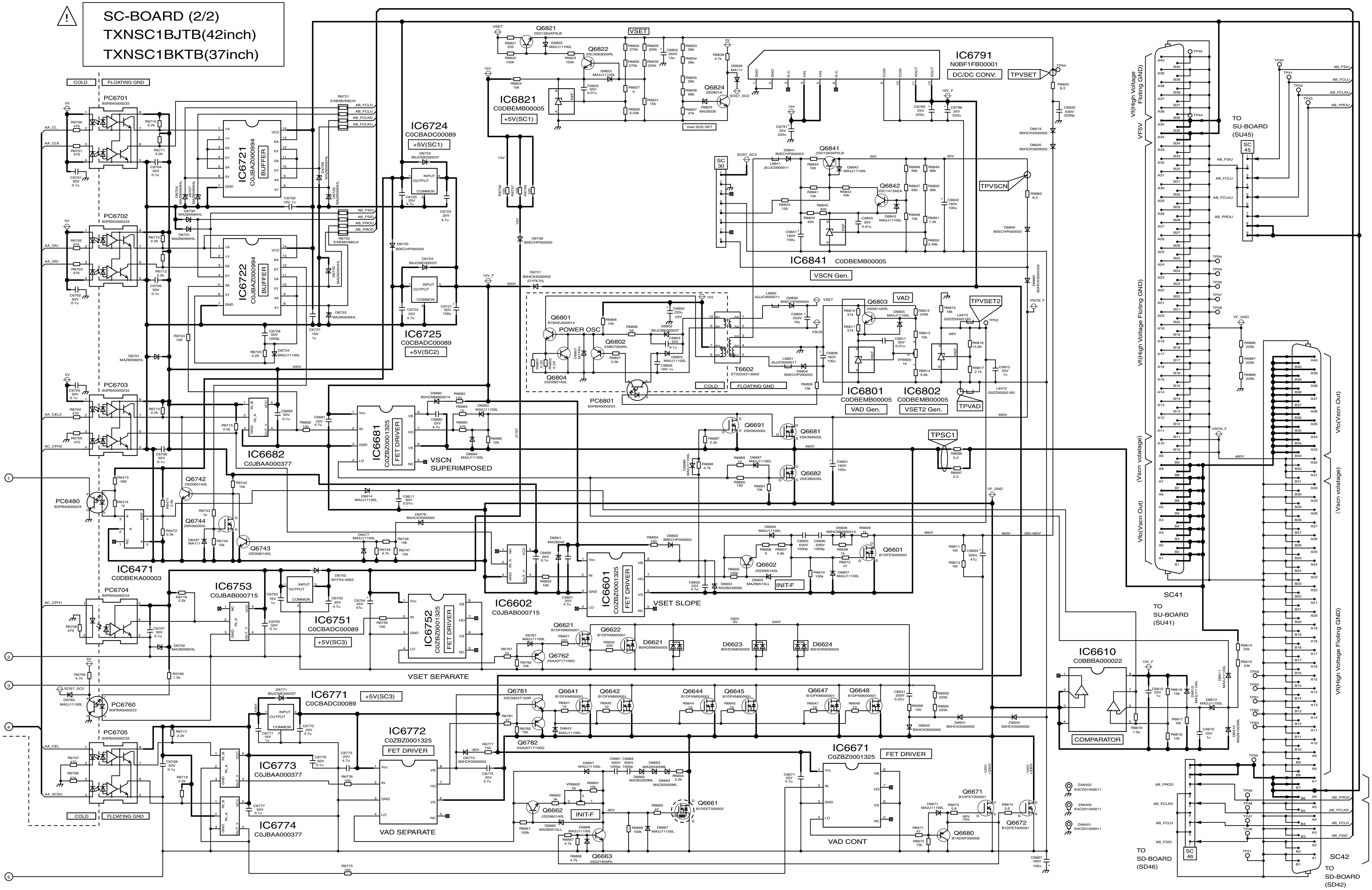
SC-BOARD (1/2)
TXNSC1BJTB(42inch)
TXNSC1BKTB(37inch)


TO P-BOARD (P2)
SC2
Vsus
NC
GND
TP1
TP2
TPVSUS
42inch ONLY
C6411 220V 200u
C6412 220V 200u
C6413 220V 200u
C6414 220V 200u
C6415 220V 200u
C6431 250V 4u
L6591 G0ZZ00002183
TO P-BOARD (P23)
SC23
+15V
GND
L6592 G0ZZ00002183
TP15V
C6591 25V 1u
C6592 25V 470u
TO D-BOARD (D20)
SC20
P5V
CL
CLK
SIU
GND
SID
SCSU
CEL2
CPH
SOS6_SC1
SOS7_SC2
CEL
CBK
CSL
CSH
CML
CMH
IC6561
C0JBAZ000005
BUFFER
IC6562
C0JBAZ000005
BUFFER
AA_SCSU
AA_CL
AA_CLK
AA_SIU
AA_SID
AA_CEL2
AA_CEL
AC_CPH1
AC_CPH2
TPSOS6
TPSOS7
L6601 G0ZZ00002183
L6602 G0ZZ00002183
R6591 EXB38V472JV
IC6521
C0ZBZ0001324
FET DRIVER
ENERGY RECOVERY
Q6531 B1ABRD000003
Q6532 B1ADRD000001
Q6551 B1ABRD000003
Q6552 B1ADRD000001
D6521 D1FL40
D6522 D1FL40
D6523 D1FL40
D6524 B0ECHP000003
Q6441 B1JADN000002
Q6442 B1JADN000002
D6441 B0ECHP000003
D6461 RF2001T3DFF55
D6462 RF2001T3DFF55
D6481 RF2001T3DFF55
D6482 RF2001T3DFF55
Q6451 B1JADP000002
Q6452 B1JADP000002
D6451 D1FL40
D6466 MA2J11100L
D6471 MA3DF30000LZ
D6472 B0ECHP000003
D6491 B0HBSP000019
C6511 250V 4u
C6512 250V 4u
100V
VSUS
IC6501
C0ZBZ0000895
FET DRIVER
Vsus Gen.
Q6401 B1JADN000001
Q6402 B1JADN000001
Q6403 B1JADN000001
Q6511 2SC5824T100R
Q6512 2SA2071T100Q
D6401 B0HBSN000008
D6402 B0HBSN000008
Q6421 B1JAEP000001
Q6422 B1JAEP000001
Q6423 B1JAEP000001
Q6516 2SC5824T100R
Q6517 2SA2071T100Q
D6431 B0HBSP000019
D6432 B0HBSP000019
C6421 630V 42inch:2700p 37inch:5600p
C6422 630V 42inch:2700p 37inch:5600p
L6401 42inch:1.9u 37inch:2.2u
L6402 42inch:1.9u 37inch:2.2u
L6403 42inch:1.9u 37inch:2.2u
L6411 42inch:1.9u 37inch:2.2u
L6412 42inch:1.9u 37inch:2.2u
L6413 42inch:1.9u 37inch:2.2u
0-200V
0-305V
Q6471 B1CHGD000006
IC6472
C0JBAA000377
MAIN_STOP
SOS7_SC2
D6480 MA2J11100L
IC6581
C0BBBA000022
COMPARATOR
Q6581 2SD0601A0L
D6585 MA2J11100L
D6581 MAZ8330ML
D6582 MAZ8330ML
D6583 LNJ301MPUJA (GREEN LED)
D6584 MAZ80510LL
IC6861
C0BBBA000022
COMPARATOR
COLD
FLOATING GND
PC6861 B3PBA0000223
D6820 MA2J11100L
D6861 MAZ80510LL
D6862 MA2J11100L
15V_F
VSCN_F
VF_GND
IC6871
C0BBBA000022
COMPARATOR
PC6871 B3PBA0000223
D6821 MA2J11100L
D6871 MAZ80510LL
D6872 MA2J11100L
Q6791 2SD0601A0L
D6791 MAZ82000ML
16V_F
TP28 TP29 TP30 TP31 TP32 TP33 TP34 TP35
①
②
③
④
⑤
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-37/42PV600E,TH-37/42PX600B
SC-Board (1 of 2) Schematic Diagram

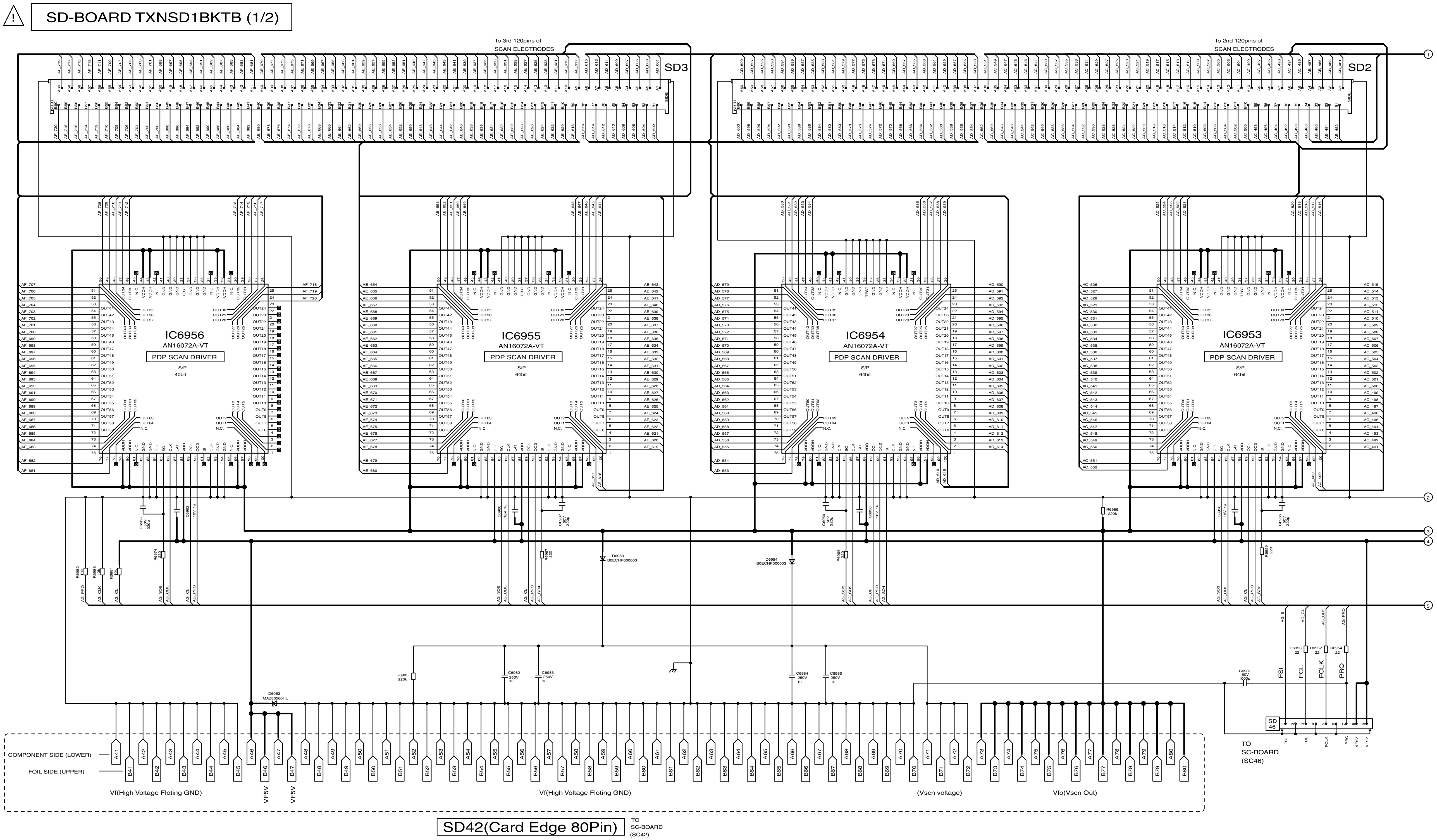
TH-37/42PV600E,TH-37/42PX600B
SC-Board (1 of 2) Schematic Diagram

SC-BOARD (2/2)
TXNSC1BJTB(42inch)
TXNSC1BKTB(37inch)


PC6701
IC6721 C0JBAZ000994 BUFFER
IC6722 C0JBAZ000994 BUFFER
IC6724 C0CBADC00089 +5V(SC1)
IC6725 C0CBADC00089 +5V(SC2)
IC6821 C0DBEMB00005 +5V(SC1)
Q6821
Q6822
Q6823
Q6824
VSET
IC6791 N0BF1FB00001 DC/DC CONV.
TPVSET
Vset SOS DET
SC 30
Q6841
Q6842
TPVSCN
IC6841 C0DBEMB00005 VSCN Gen.
PC6702
PC6703
Q6801 POWER OSC
Q6802
Q6803
Q6804
T6602
COLD
FLOATING GND
VAD
TPVSET2
IC6801 C0DBEMB00005 VAD Gen.
IC6802 C0DBEMB00005 VSET2 Gen.
TPVAD
PC6801
IC6682 C0JBAA000377
IC6681 C0ZBZ0001325 FET DRIVER
VSCN SUPERIMPOSED
Q6691
Q6681
Q6682
TPSC1
PC6480
Q6742
Q6743
Q6744
IC6471 C0DBEKA00003
PC6704
IC6753 C0JBAB000715
IC6751 C0CBADC00089 +5V(SC3)
IC6752 C0ZBZ0001325 FET DRIVER
VSET SEPARATE
IC6602 C0JBAB000715
IC6601 C0ZBZ0001325 FET DRIVER
VSET SLOPE
Q6601
Q6602
INIT-F
Q6621
Q6622
Q6762
D6621
D6623
D6624
PC6760
IC6771 C0CBADC00089 +5V(SC3)
PC6705
IC6773 C0JBAA000377
IC6774 C0JBAA000377
IC6772 C0ZBZ0001325 FET DRIVER
VAD SEPARATE
Q6781
Q6782
Q6641
Q6642
Q6644
Q6645
Q6647
Q6648
Q6661
Q6662
Q6663
INIT-F
IC6671 C0ZBZ0001325 FET DRIVER
VAD CONT
Q6671
Q6672
Q6680
IC6610 C0BBBA000022 COMPARATOR
SC41 TO SU-BOARD (SU41)
SC45 TO SU-BOARD (SU45)
SC46 TO SD-BOARD (SD46)
SC42 TO SD-BOARD (SD42)
Vf(High Voltage Floting GND)
VF5V
Vfo(Vscn Out)
(Vscn volatage)
1
2
3
4
5

TH-37/42PV600E,TH-37/42PX600B
SC-Board (2 of 2) Schematic Diagram

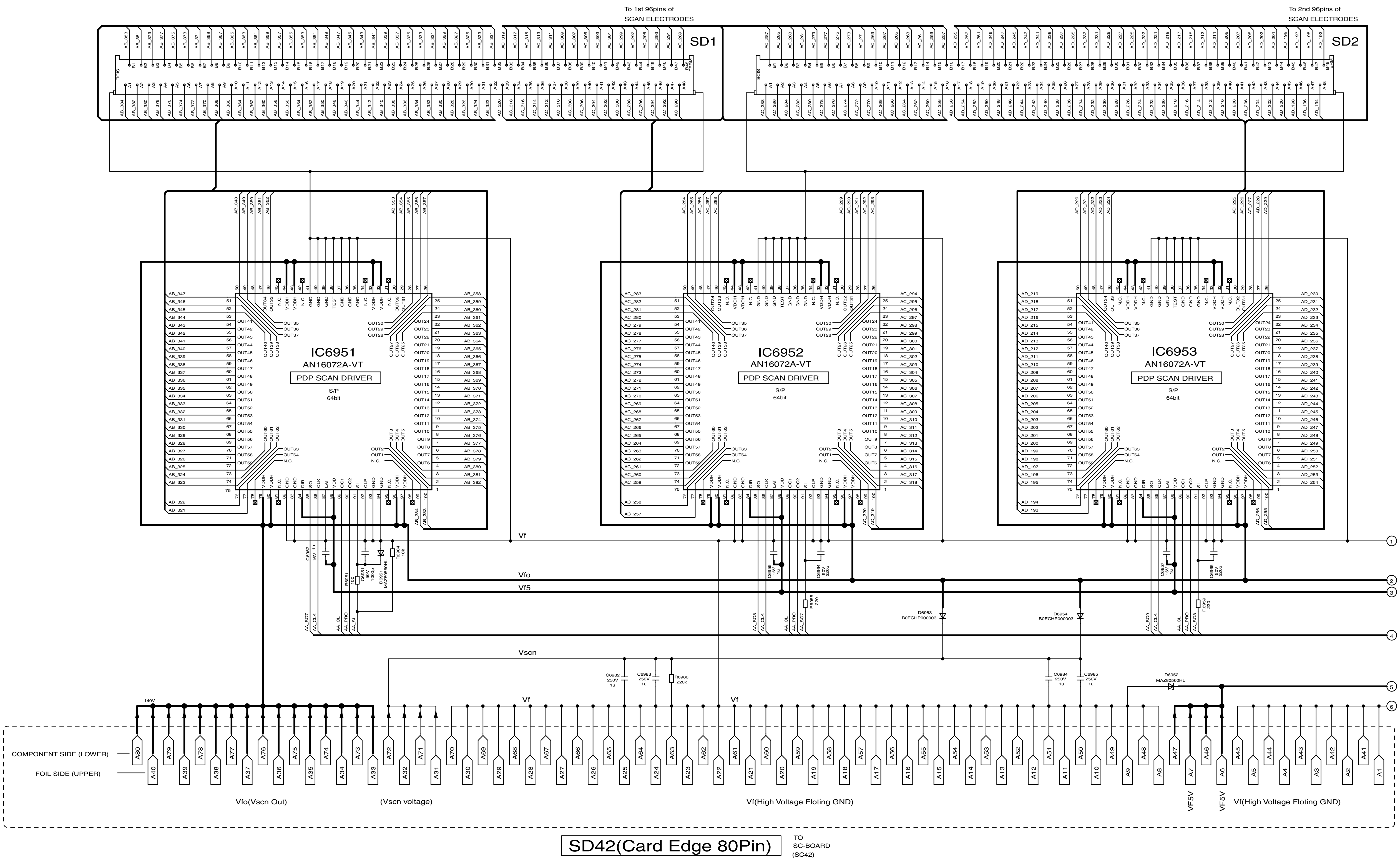
TH-37/42PV600E,TH-37/42PX600B
SC-Board (2 of 2) Schematic Diagram


SD-BOARD TXNSD1BKTB (1/2)
To 3rd 120pins of SCAN ELECTRODES
To 2nd 120pins of SCAN ELECTRODES
SD3
SD2
IC6956
AN16072A-VT
PDP SCAN DRIVER
S/P 40bit
IC6955
AN16072A-VT
PDP SCAN DRIVER
S/P 64bit
IC6954
AN16072A-VT
PDP SCAN DRIVER
S/P 64bit
IC6953
AN16072A-VT
PDP SCAN DRIVER
S/P 64bit
D6953 B0ECHP000003
D6954 B0ECHP000003
D6952 MAZ80560HL
R6986 220k
R6985 220k
C6982 250V 1u
C6983 250V 1u
C6984 250V 1u
C6985 250V 1u
C6981 50V 1000p
R6953 22
R6952 22
R6954 22
FSI
FCL
FCLK
PRO
SD46
TO SC-BOARD (SC46)
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
Vf(High Voltage Floting GND)
VF5V
VF5V
Vf(High Voltage Floting GND)
(Vscn voltage)
Vfo(Vscn Out)
SD42(Card Edge 80Pin)
TO SC-BOARD (SC42)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-37PV600E, TH-37PX600B
SD-Board (1 of 2) Schematic Diagram

TH-37PV600E, TH-37PX600B
SD-Board (1 of 2) Schematic Diagram

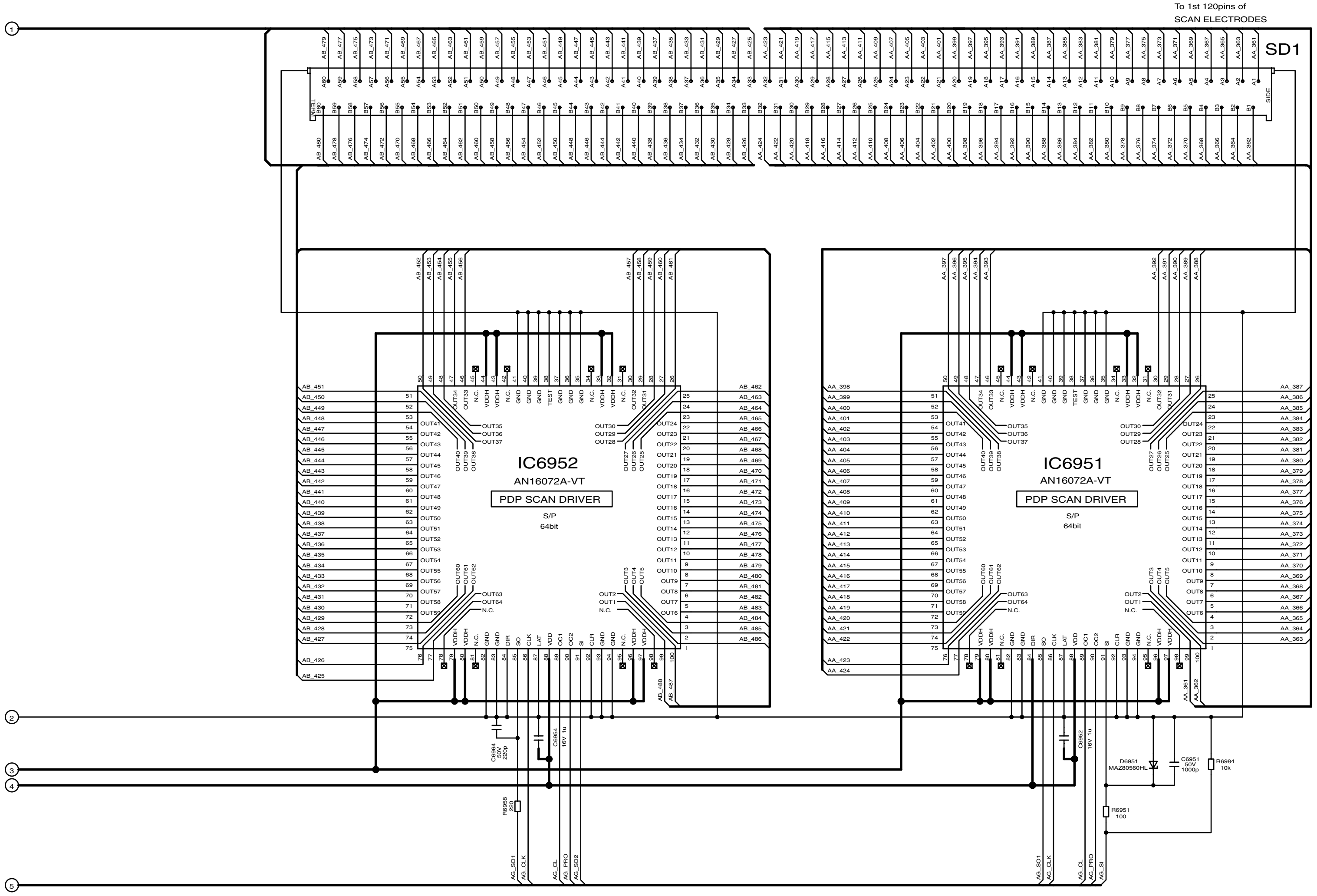
⚠ SD-BOARD TXNSD1BJTB (1/2)


DOWN
To 1st 96pins of SCAN ELECTRODES
To 2nd 96pins of SCAN ELECTRODES
SD1
SD2
IC6951
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6952
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6953
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
Vf
Vfo
Vf5
Vscn
D6953 B0ECHP000003
D6954 B0ECHP000003
D6952 MAZ80560HL
D6951 MAZ80560HL
C6982 250V 1u
C6983 250V 1u
R6986 220k
C6984 250V 1u
C6985 250V 1u
R6955 220
R6959 220
R6951 100
R6984 10k
140V
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
Vfo(Vscn Out)
(Vscn voltage)
Vf(High Voltage Floting GND)
VF5V
VF5V
Vf(High Voltage Floting GND)
1
2
3
4
5
6

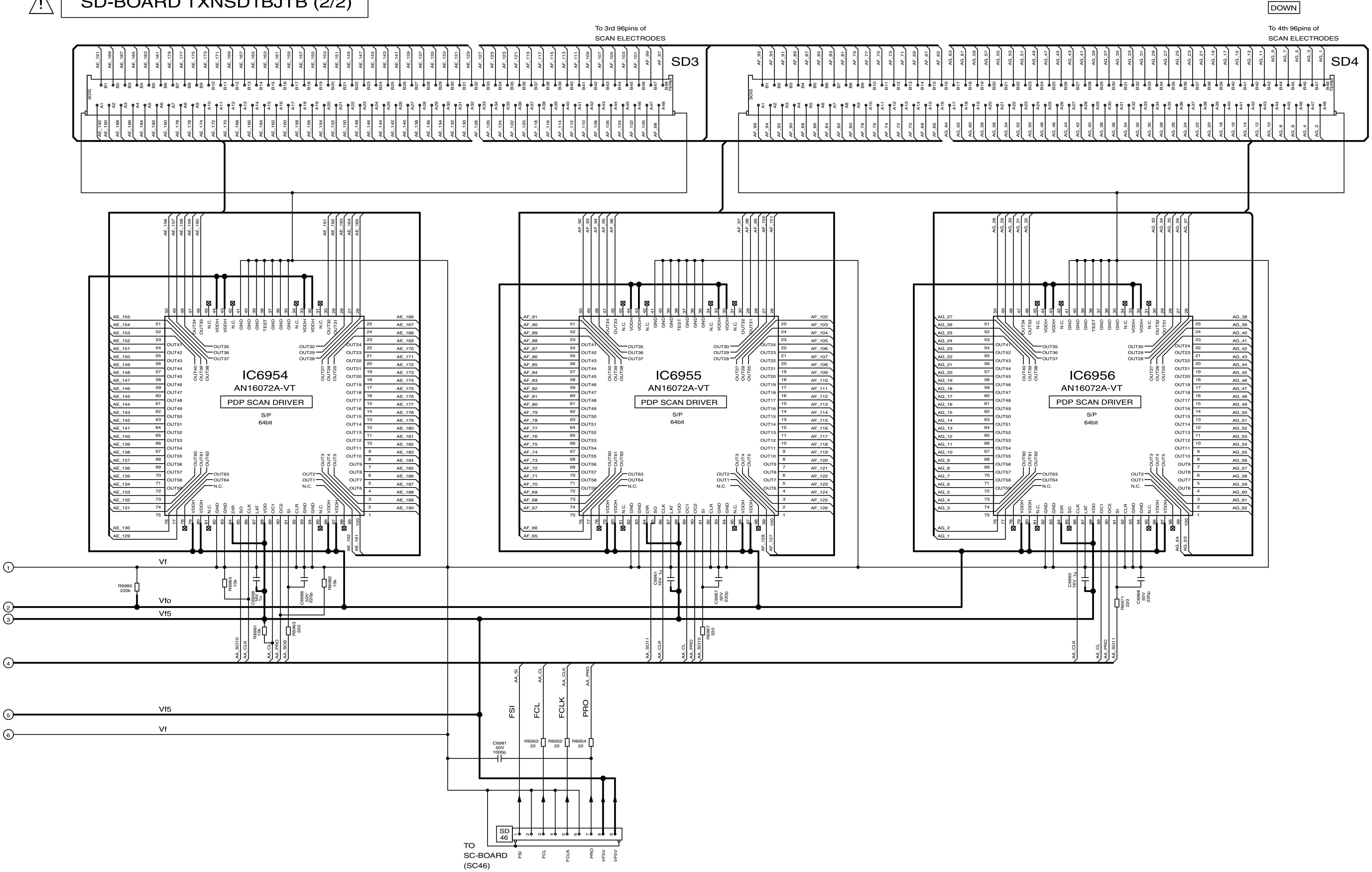
SD42(Card Edge 80Pin)

TO
SC-BOARD
(SC42)

⚠ SD-BOARD TXNSD1BKTB (2/2)

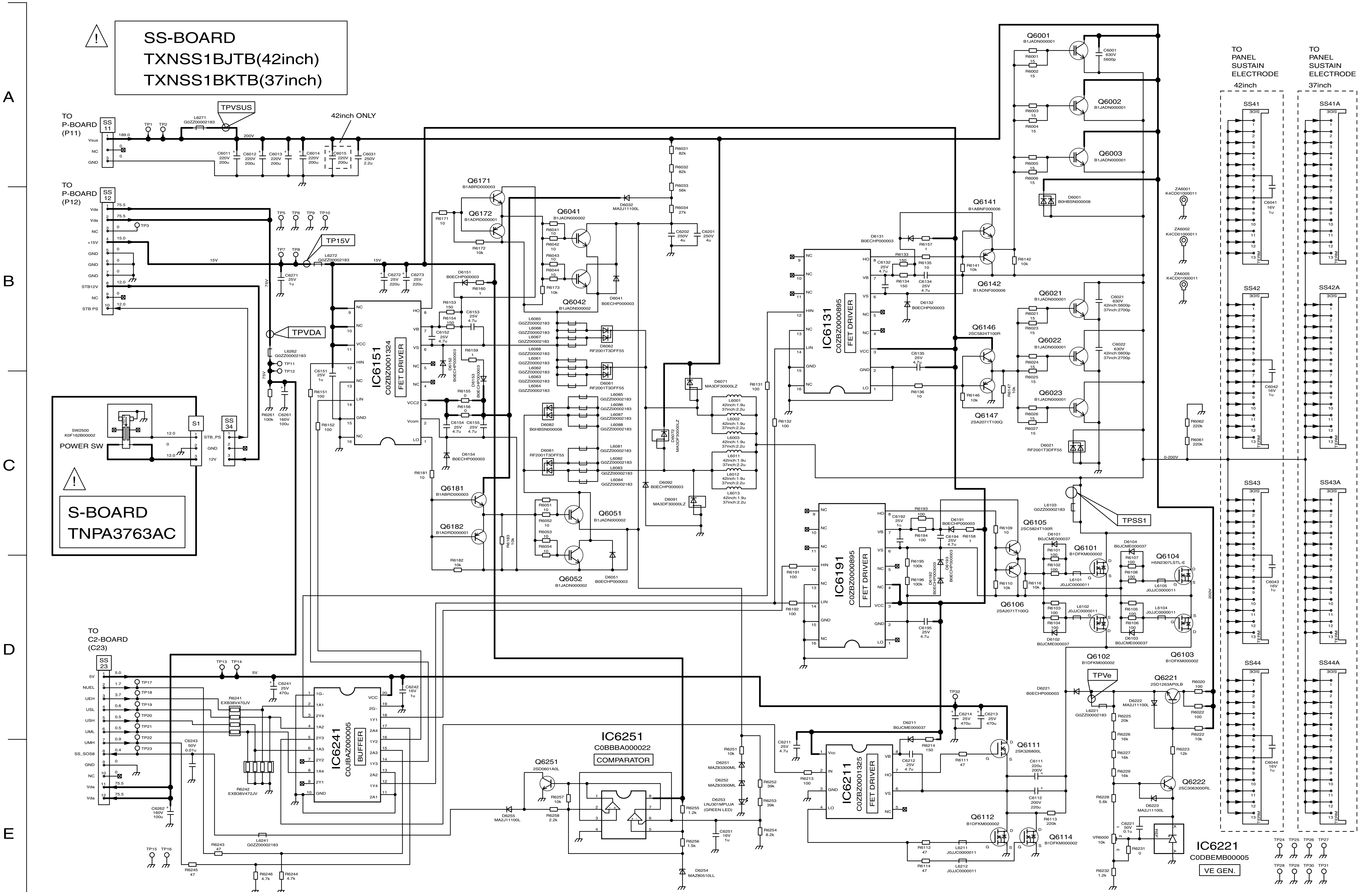

To 1st 120pins of
SCAN ELECTRODES
SD1
IC6952
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6951
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
C6964
50V
220p
C6954
16V 1u
R6958
220
C6952
16V 1u
D6951
MAZ80560HL
C6951
50V
1000p
R6984
10k
R6951
100
AG_SO1
AG_CLK
AG_CL
AG_PRO
AG_SO2
AG_SI
1
2
3
4
5

⚠ SD-BOARD TXNSD1BJTB (2/2)


DOWN
To 3rd 96pins of
SCAN ELECTRODES
To 4th 96pins of
SCAN ELECTRODES
SD3
SD4
IC6954
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6955
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6956
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
Vf
Vfo
Vf5
Vf5
Vf
R6985 220k
R6983 10k
C6958 16V 1u
C6966 50V 220p
R6982 10k
R6981 10k
R6963 220
C6961 16V 1u
C6967 50V 220p
R6967 220
C6963 16V 1u
R6971 220
C6968 50V 220p
AA_SO10
AA_CLK
AA_CL
AA_PRO
AA_SO9
AA_SO11
AA_SI
FSI
FCL
FCLK
PRO
C6981 50V 1000p
R6953 22
R6952 22
R6954 22
SD 46
TO
SC-BOARD
(SC46)
FSI
FCL
FCLK
PRO
VF5V
VF5V

TH-42PV600E, TH-42PX600B
SD-Board (2 of 2) Schematic Diagram

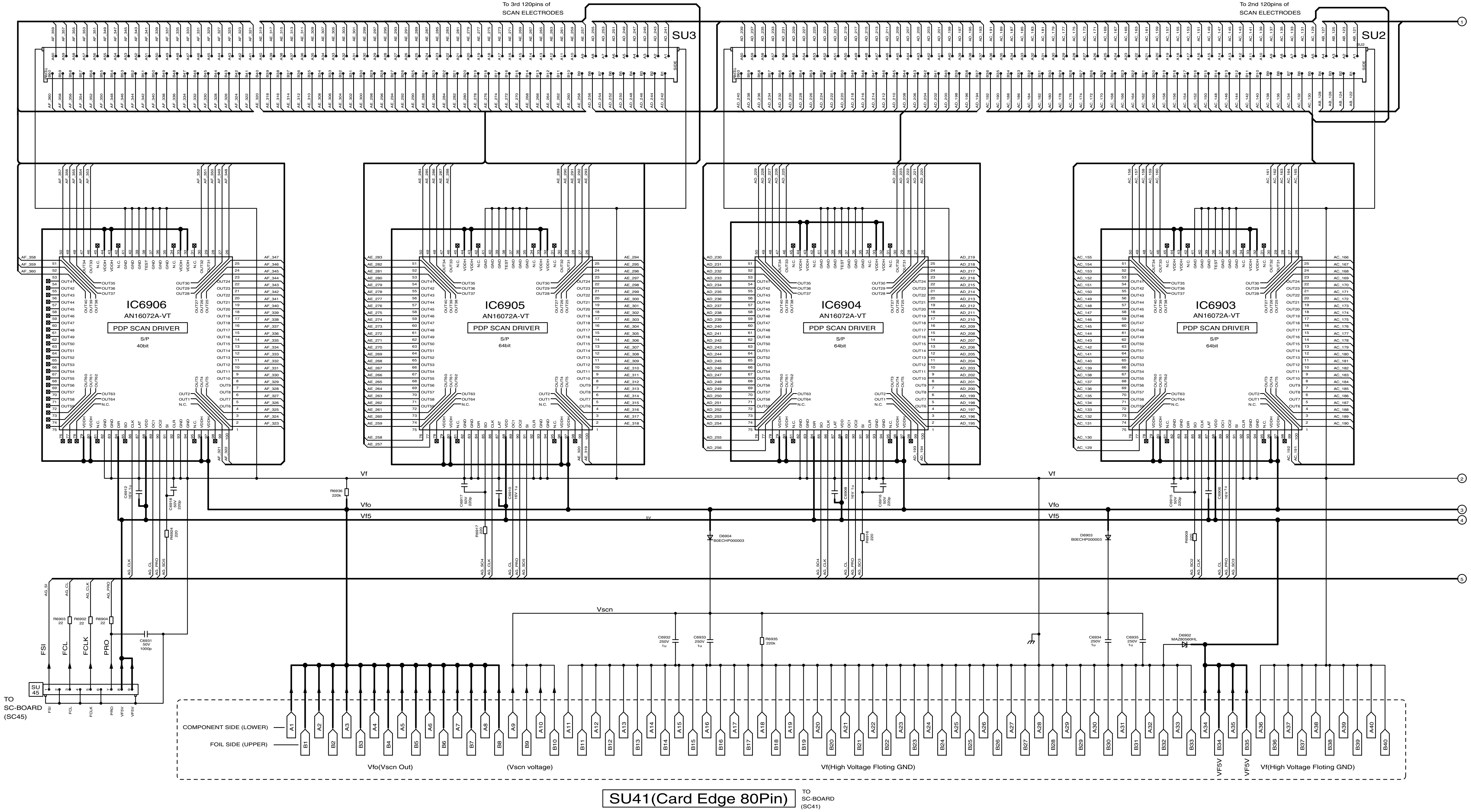
TH-42PV600E, TH-42PX600B
SD-Board (2 of 2) Schematic Diagram


SS-BOARD
TXNSS1BJTB(42inch)
TXNSS1BKTB(37inch)
S-BOARD
TNPA3763AC
POWER SW
SW2500
K0F162B00002
TO P-BOARD (P11)
TO P-BOARD (P12)
TO C2-BOARD (C23)
TO PANEL SUSTAIN ELECTRODE 42inch
TO PANEL SUSTAIN ELECTRODE 37inch
42inch ONLY
TPVSUS
TP15V
TPVDA
TPSS1
TPVe
Vsus
NC
GND
Vda
+15V
STB12V
STB PS
STB_PS
12V
5V
NUEL
UEH
USL
USH
UML
UMH
SS_SOS8
SS11
SS12
SS23
SS34
S1
SS41
SS42
SS43
SS44
SS41A
SS42A
SS43A
SS44A
IC6151
C0ZBZ0001324
FET DRIVER
IC6131
C0ZBZ0000895
FET DRIVER
IC6191
C0ZBZ0000895
FET DRIVER
IC6211
C0ZBZ0001325
FET DRIVER
IC6241
C0JBAZ000005
BUFFER
IC6251
C0BBBA000022
COMPARATOR
IC6221
C0DBEMB00005
VE GEN.
Q6001
Q6002
Q6003
B1JADN000001
Q6021
Q6022
Q6023
Q6041
Q6042
Q6051
Q6052
B1JADN000002
Q6141
B1ABNF000006
Q6142
B1ADNF000006
Q6146
2SC5824T100R
Q6147
2SA2071T100Q
Q6171
B1ABRD000003
Q6172
B1ADRD000001
Q6181
B1ABRD000003
Q6182
B1ADRD000001
Q6105
2SC5824T100R
Q6106
2SA2071T100Q
Q6101
Q6102
Q6103
B1DFKM000002
Q6104
H5N2307LSTL-E
Q6111
2SK3268OOL
Q6112
Q6114
B1DFKM000002
Q6221
2SD1263AP0LB
Q6222
2SC3063000RL
Q6251
2SD0601A0L
D6001
B0HBSN000008
D6021
RF2001T3DFF55
D6032
MA2J11100L
D6071
MA3DF30000LZ
D6072
MA3DF30000LZ
D6091
MA3DF30000LZ
D6253
LNJ301MPUJA (GREEN LED)
D6254
MAZ80510LL
L6001
L6002
L6003
L6011
L6012
L6013
42inch:1.9u
37inch:2.2u
L6271
L6272
L6262
G0ZZ00002183
ZA6001
ZA6002
ZA6005
K4CD01000011
0-200V
200V
15V
75V
TERM
TP1
TP2
TP3
TP5
TP6
TP7
TP8
TP9
TP10
TP11
TP12
TP13
TP14
TP15
TP16
TP17
TP18
TP19
TP20
TP21
TP22
TP23
TP24
TP25
TP26
TP27
TP28
TP29
TP30
TP31
TP32
A
B
C
D
E
1
2
3
4
5
6
7
8

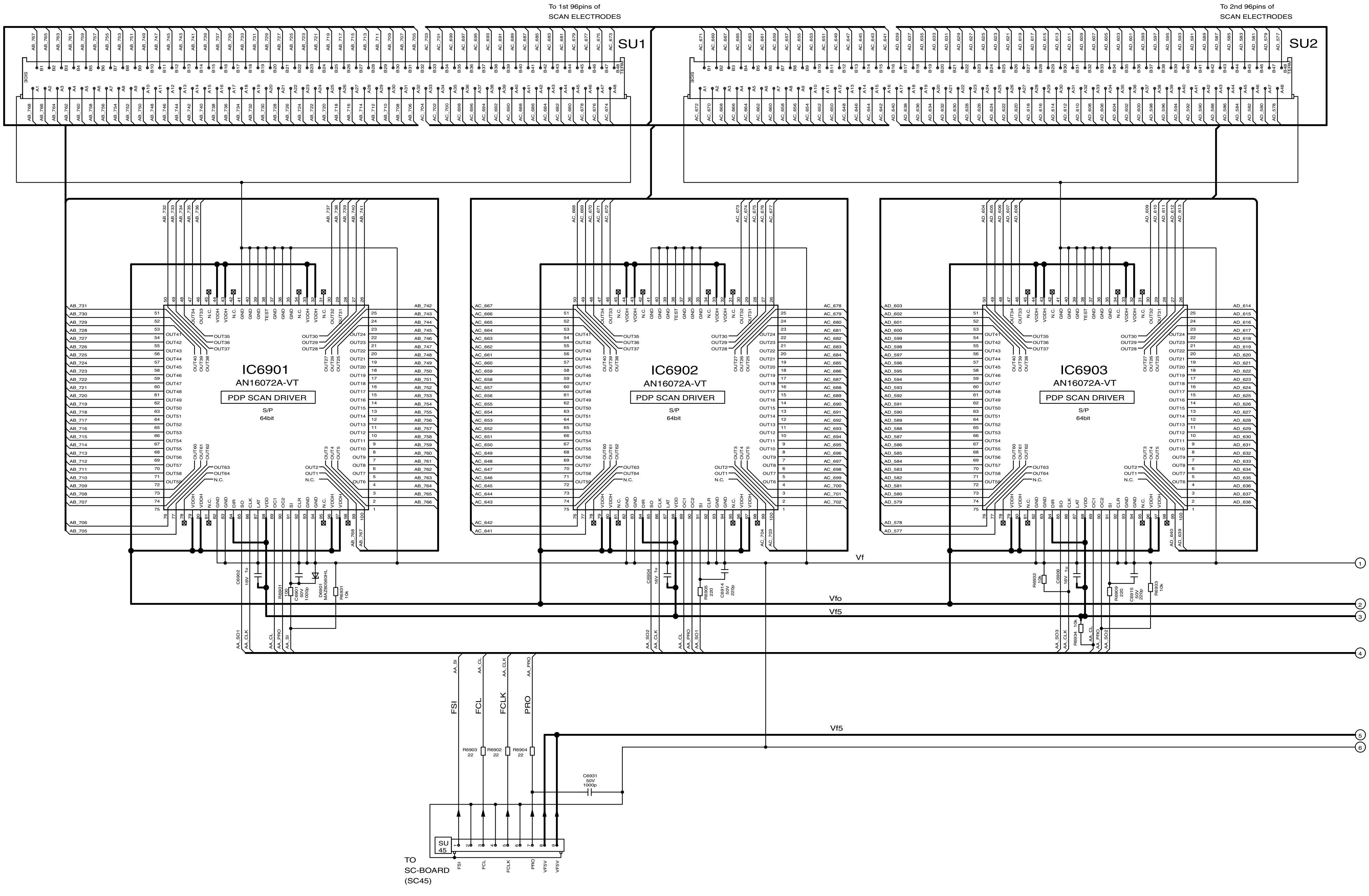
TH-37/42PV600E, TH-37/42PX600B
SS and S-Board Schematic Diagram

TH-37/42PV600E, TH-37/42PX600B
SS and S-Board Schematic Diagram

⚠ SU-BOARD TXNSU1BKTB (1/2)


To 3rd 120pins of SCAN ELECTRODES
SU3
To 2nd 120pins of SCAN ELECTRODES
SU2
IC6906
AN16072A-VT
PDP SCAN DRIVER
S/P 40bit
IC6905
AN16072A-VT
PDP SCAN DRIVER
S/P 64bit
IC6904
AN16072A-VT
PDP SCAN DRIVER
S/P 64bit
IC6903
AN16072A-VT
PDP SCAN DRIVER
S/P 64bit
Vf
Vfo
Vf5
Vscn
D6904 B0ECHP000003
D6903 B0ECHP000003
D6902 MAZ80560HL
R6936 220k
R6935 220k
C6932 250V 1u
C6933 250V 1u
C6934 250V 1u
C6935 250V 1u
C6931 50V 1000p
R6903 22
R6902 22
R6904 22
FSI
FCL
FCLK
PRO
SU45
TO SC-BOARD (SC45)
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
Vfo(Vscn Out)
(Vscn voltage)
Vf(High Voltage Floting GND)
VF5V
Vf(High Voltage Floting GND)
SU41(Card Edge 80Pin)
TO SC-BOARD (SC41)
①
②
③
④
⑤

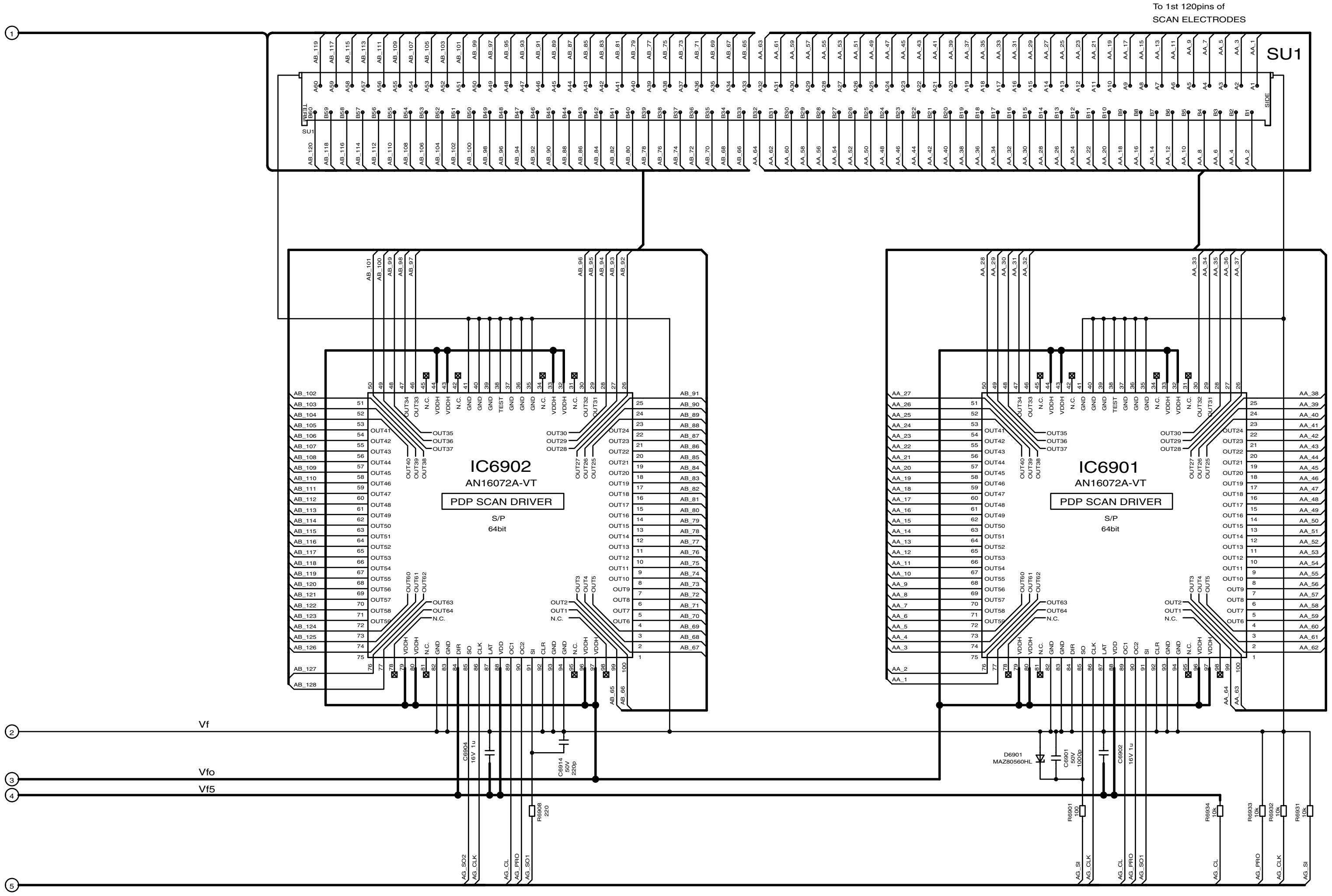
⚠ SU-BOARD TXNSU1BJTB (1/2)


UP
To 1st 96pins of SCAN ELECTRODES
To 2nd 96pins of SCAN ELECTRODES
SU1
SU2
IC6901
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6902
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6903
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
Vf
Vfo
Vf5
Vf5
C6902 16V 1u
R6901 100
C6901 50V 1000p
D6901
R6931 10k
C6904 16V 1u
R6905 220
C6914 50V 220p
R6932 10k
C6906 16V 1u
R6934
R6909 220
C6915 50V 220p
R6933 10k
AA_SO1
AA_CLK
AA_CL
AA_PRO
AA_SI
AA_SO2
AA_SO3
FSI
FCL
FCLK
PRO
R6903 22
R6902 22
R6904 22
C6931 50V 1000p
SU45
FSI
FCL
FCLK
PRO
VF5V
VF5V
TO SC-BOARD (SC45)
A
B
C
D
E
1
2
3
4
5
6
7
8

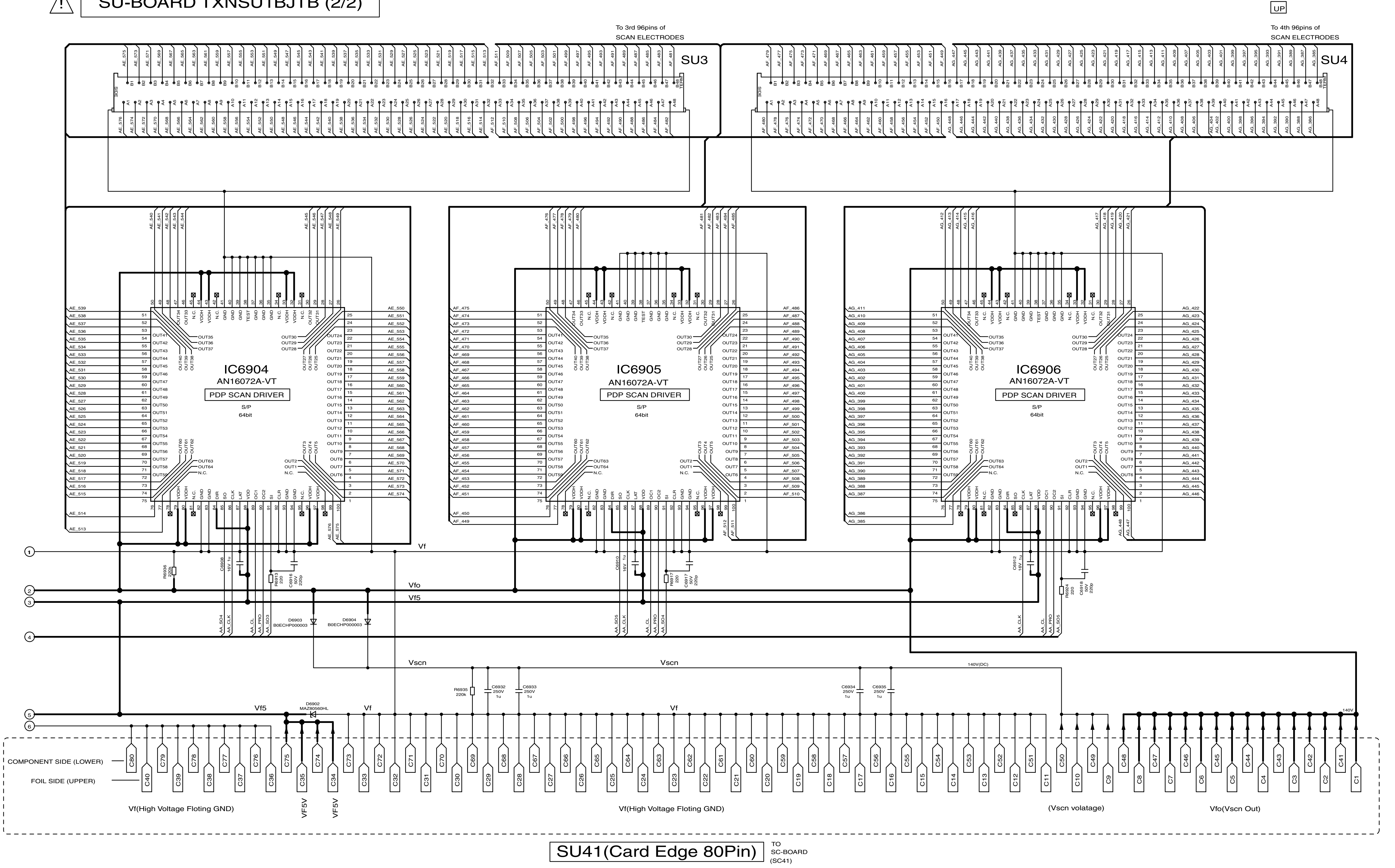
TH-42PV600E, TH-42PX600B
SU-Board (1 of 2) Schematic Diagram

TH-42PV600E, TH-42PX600B
SU-Board (1 of 2) Schematic Diagram

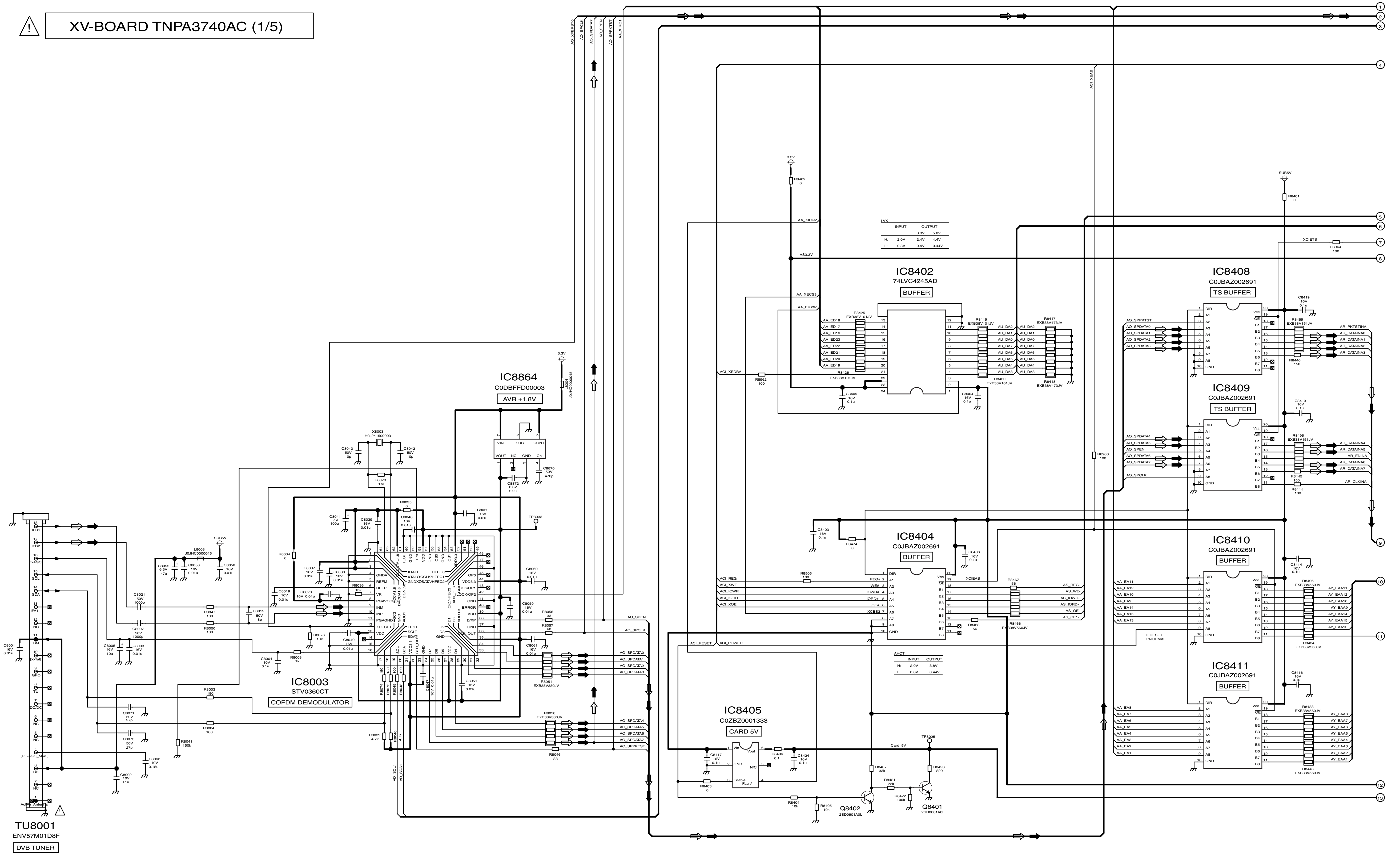
SU-BOARD TXNSU1BKTB (2/2)


To 1st 120pins of
SCAN ELECTRODES
SU1
①
②
③
④
⑤
Vf
Vfo
Vf5
IC6902
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6901
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
C6904
16V 1u
C6914
50V
220p
R6908
220
D6901
MAZ80560HL
C6901
50V
1000p
C6902
16V 1u
R6901
100
R6934
10k
R6933
10k
R6932
10k
R6931
10k
AG_SO2
AG_CLK
AG_CL
AG_PRO
AG_SO1
AG_SI
AG_CLK
AG_CL
AG_PRO
AG_SO1
AG_CL
AG_PRO
AG_CLK
AG_SI

SU-BOARD TXNSU1BJTB (2/2)

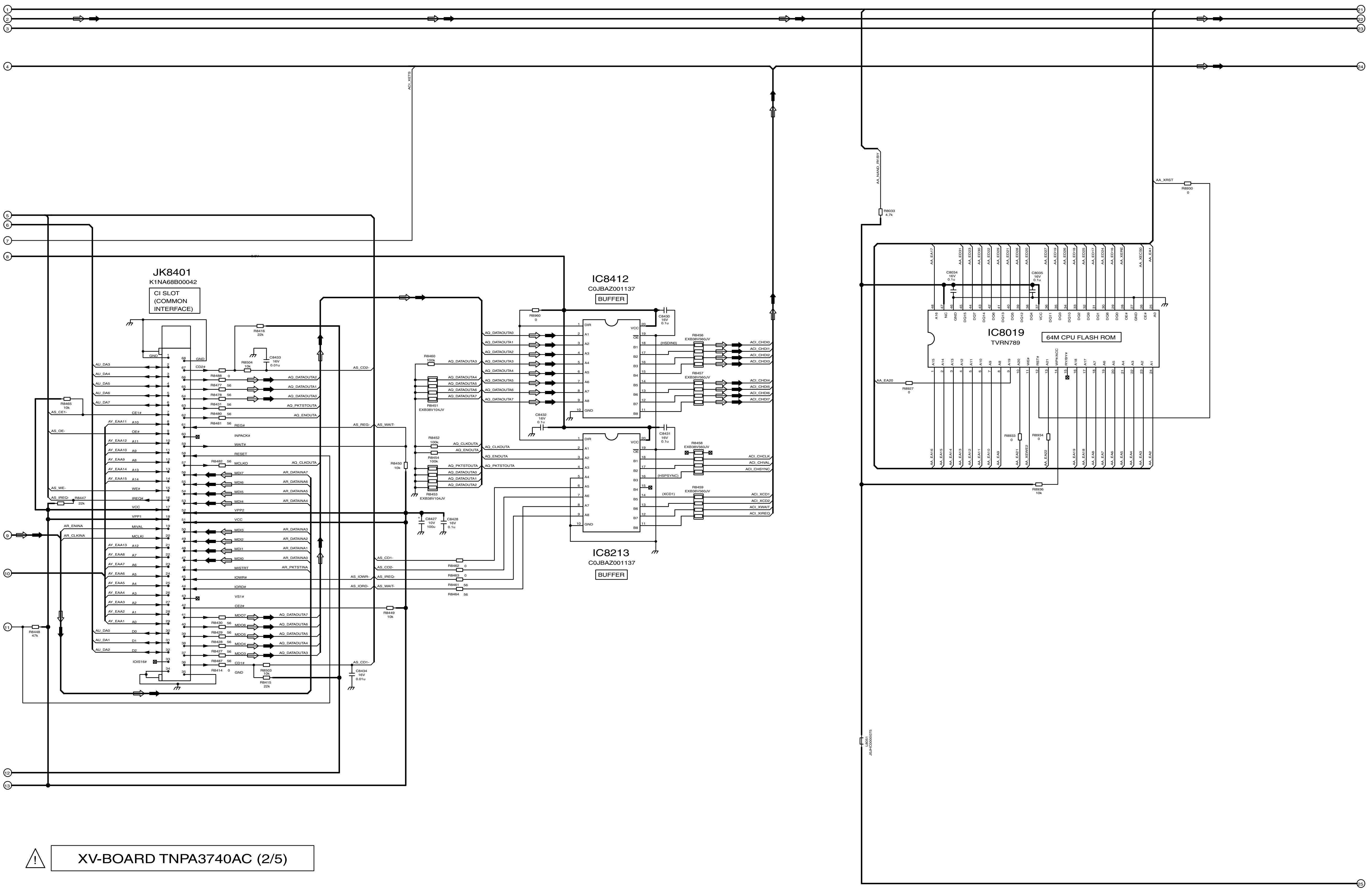

UP
To 3rd 96pins of SCAN ELECTRODES
To 4th 96pins of SCAN ELECTRODES
SU3
SU4
IC6904
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6905
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6906
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
Vf
Vfo
Vf5
Vscn
140V(DC)
140V
R6936 220k
C6908 16V 1u
R6913 220
C6916 50V 220p
D6903 B0ECHP000003
D6904 B0ECHP000003
C6910 16V 1u
R6917 220
C6917 50V 220p
C6912 16V 1u
R6924 220
C6918 50V 220p
R6935 220k
C6932 250V 1u
C6933 250V 1u
C6934 250V 1u
C6935 250V 1u
D6902 MAZ80560HL
AA_SO4
AA_CLK
AA_CL
AA_PRO
AA_SO3
AA_SO5
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
Vf(High Voltage Floting GND)
VF5V
VF5V
Vf(High Voltage Floting GND)
(Vscn volatage)
Vfo(Vscn Out)
SU41(Card Edge 80Pin)
TO SC-BOARD (SC41)

XV-BOARD TNPA3740AC (1/5)


A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
TU8001
ENV57M01D8F
DVB TUNER
IC8003
STV0360CT
COFDM DEMODULATOR
IC8864
C0DBFFD00003
AVR +1.8V
IC8402
74LVC4245AD
BUFFER
IC8404
C0JBAZ002691
BUFFER
IC8405
C0ZBZ0001333
CARD 5V
IC8408
C0JBAZ002691
TS BUFFER
IC8409
C0JBAZ002691
TS BUFFER
IC8410
C0JBAZ002691
BUFFER
IC8411
C0JBAZ002691
BUFFER
Q8402
2SD0601A0L
Q8401
2SD0601A0L
X8003
H0J241500003
3.3V
SUB5V
TP8033
TP8025
AO_SPEN
AO_SPCLK
AO_SPDATA0
AO_SPDATA1
AO_SPDATA2
AO_SPDATA3
AO_SPDATA4
AO_SPDATA5
AO_SPDATA6
AO_SPDATA7
AO_SPPKTST
AA_XIRQ2
AS3.3V
AA_XECS3
AA_ERXW
ACI_XEDBA
ACI_REG
ACI_XWE
ACI_IOWR
ACI_IORD
ACI_XOE
ACI_RESET
ACI_POWER
Card_5V
XCIETS
AR_PKTSTINA
AR_DATAINA0
AR_DATAINA1
AR_DATAINA2
AR_DATAINA3
AR_DATAINA4
AR_DATAINA5
AR_ENINA
AR_DATAINA6
AR_DATAINA7
AR_CLKINA
AS_REG-
AS_WE-
AS_IOWR-
AS_IORD-
AS_OE-
AS_CE1-
H:RESET
L:NORMAL
LVX
AHCT
INPUT
OUTPUT
①
②
③
④
⑤
⑥
⑦
⑧
⑨
⑩
⑪
⑫
⑬

TH-37/42PX600B
XV-Board (1 of 5) Schematic Diagram

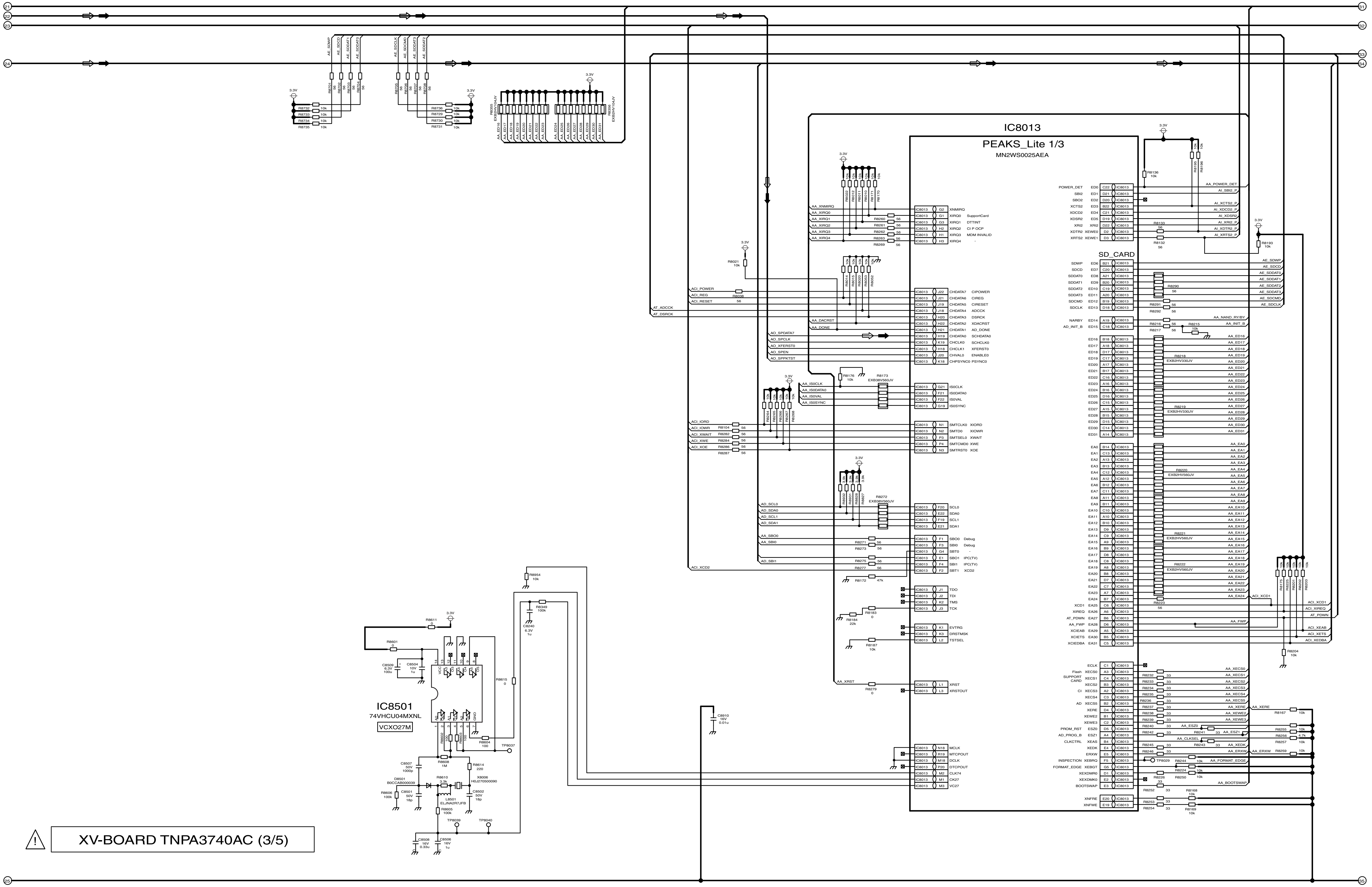
TH-37/42PX600B
XV-Board (1 of 5) Schematic Diagram


JK8401
K1NA68B00042
CI SLOT
(COMMON
INTERFACE)
IC8412
C0JBAZ001137
BUFFER
IC8213
C0JBAZ001137
BUFFER
IC8019
TVRN789
64M CPU FLASH ROM
R8465
10k
R8447
22k
R8448
47k
R8416
22k
R8504
10k
C8433
16V
0.01u
R8488
R8477
R8476
R8431
R8480
R8481
R8482
R8430
R8429
R8428
R8427
R8487
R8414
R8503
10k
R8415
22k
C8434
16V
0.01u
R8449
10k
R8450
10k
R8460
100k
R8451
EXB38V104JV
R8452
100k
R8454
100k
R8453
EXB38V104JV
C8427
10V
100u
C8428
16V
0.1u
R8462
R8463
R8461
R8464
R8960
C8430
16V
0.1u
C8432
16V
0.1u
C8431
16V
0.1u
R8456
EXB38V560JV
R8457
EXB38V560JV
R8458
EXB38V560JV
R8459
EXB38V560JV
ACI_CHDI0
ACI_CHDI1
ACI_CHDI2
ACI_CHDI3
ACI_CHDI4
ACI_CHDI5
ACI_CHDI6
ACI_CHDI7
ACI_CHCLK
ACI_CHVAL
ACI_CHSYNC
ACI_XCD1
ACI_XCD2
ACI_XWAIT
ACI_XIREQ
ACI_XETS
AA_NAND_RY/BY
R8033
4.7k
AA_XRST
R8930
0
C8034
16V
0.1u
C8035
16V
0.1u
AA_EA20
R8927
0
R8933
0
R8934
0
R8936
10k
L8051
J0JHC0000075

XV-BOARD TNPA3740AC (2/5)

TH-37/42PX600B
XV-Board (2 of 5) Schematic Diagram

TH-37/42PX600B
XV-Board (2 of 5) Schematic Diagram

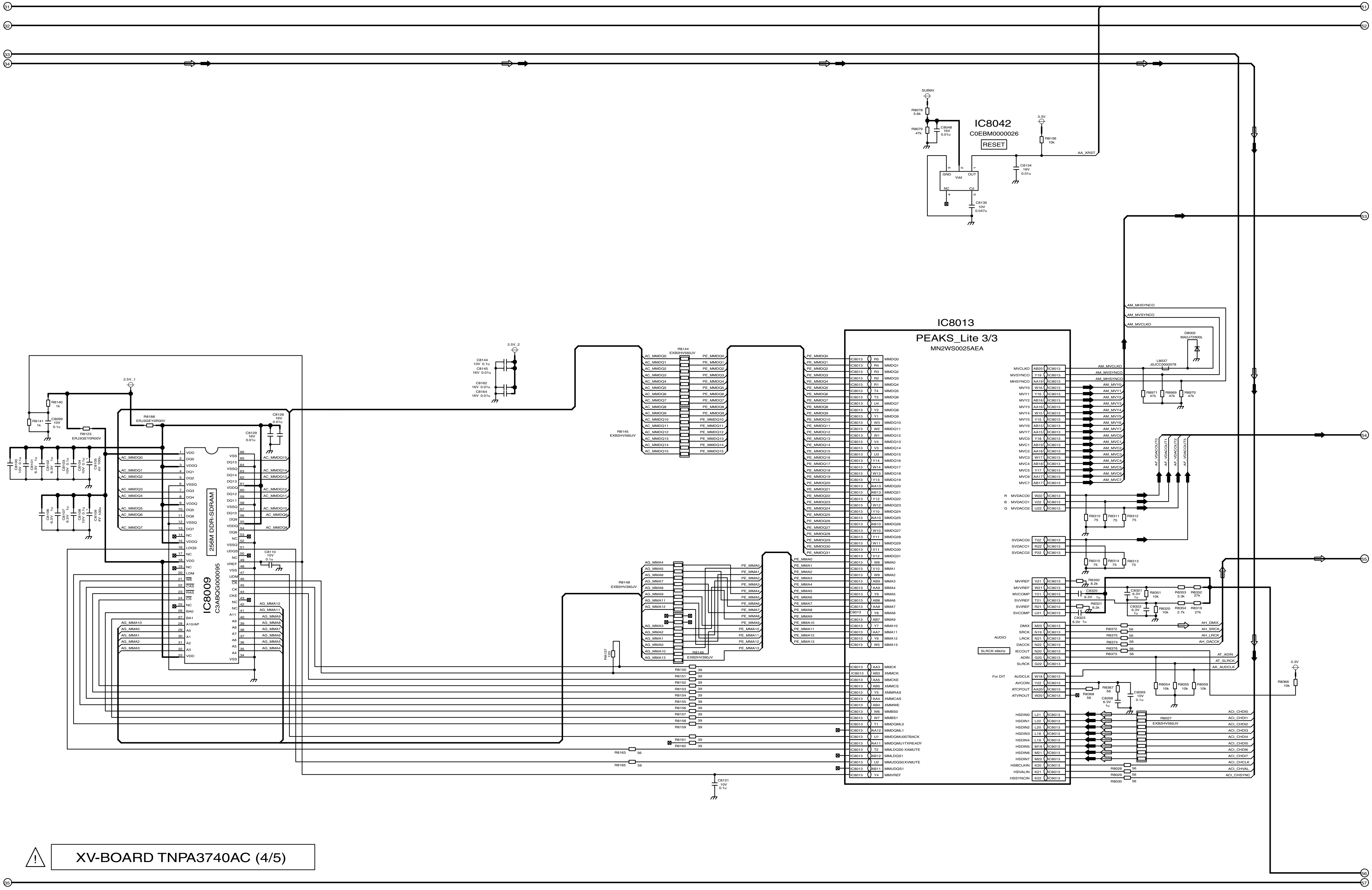

IC8013
PEAKS_Lite 1/3
MN2WS0025AEA
SD_CARD
IC8501
74VHCU04MXNL
VCXO27M
3.3V

⚠ XV-BOARD TNPA3740AC (3/5)

TH-37/42PX600B
XV-Board (3 of 5) Schematic Diagram

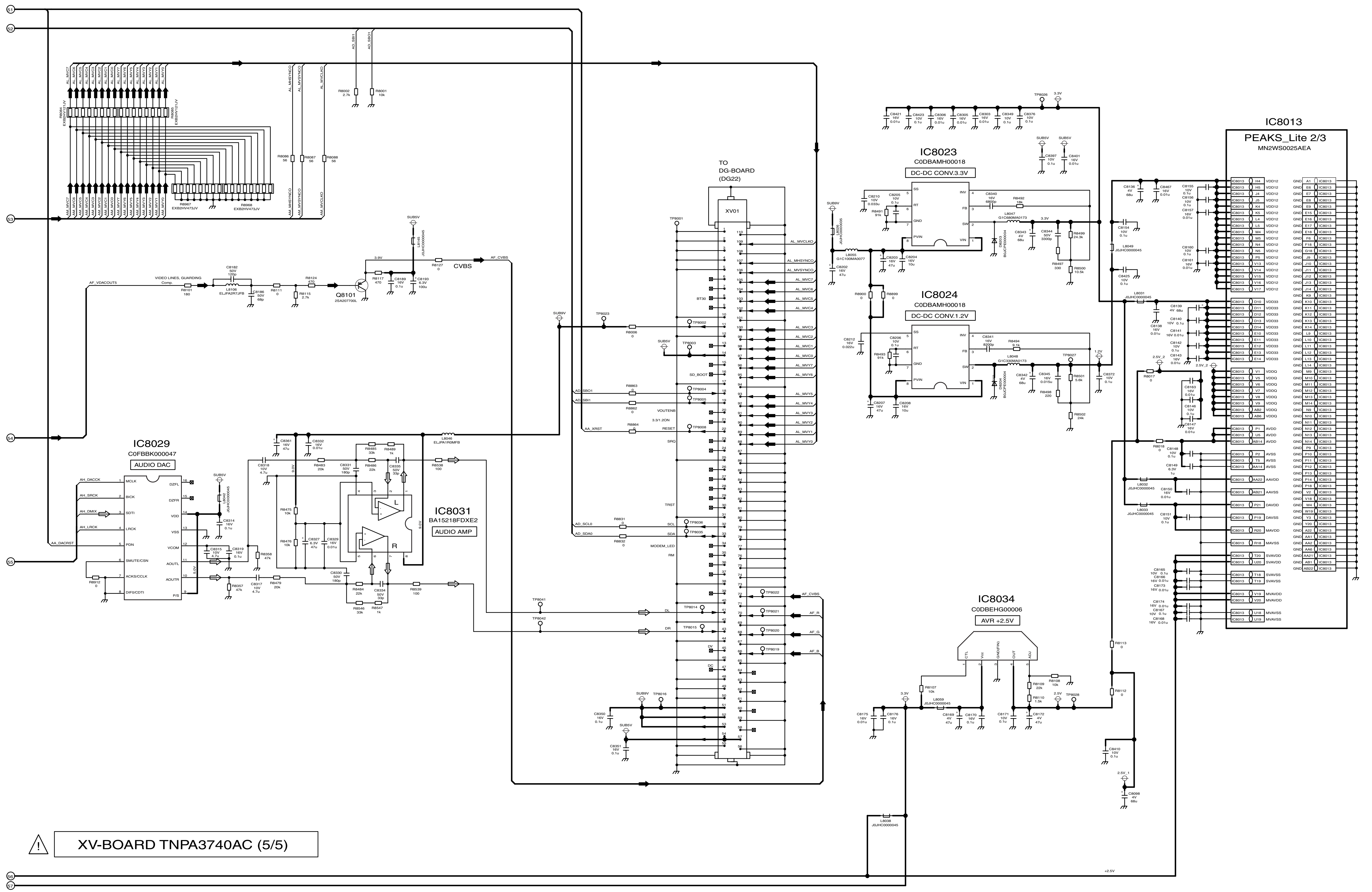
TH-37/42PX600B
XV-Board (3 of 5) Schematic Diagram

19	20	21	22	23	24	25	26	27


IC8042
C0EBM0000026
RESET
SUB9V
3.3V
AA_XRST
GND
Vdd
OUT
NC
Cd
IC8013
PEAKS_Lite 3/3
MN2WS0025AEA
IC8009
C3ABQG000095
256M DDR-SDRAM
2.5V_1
2.5V_2
R8144 EXB2HV560JV
R8145 EXB2HV560JV
R8148 EXB2HV390JV
R8149 EXB2HV390JV
R8027 EXB2HV560JV
L8037 J0JCC0000078
D8002 MA2J72800L
AUDIO
For DIT
SLRCK:48kHz
AM_MHSYNCO
AM_MVSYNCO
AM_MVCLKO
AH_DMIX
AH_SRCK
AH_LRCK
AH_DACCK
AT_ADIN
AT_SLRCK
AK_AUDCLK
ACI_CHDI0
ACI_CHDI1
ACI_CHDI2
ACI_CHDI3
ACI_CHDI4
ACI_CHDI5
ACI_CHDI6
ACI_CHDI7
ACI_CHCLK
ACI_CHVAL
ACI_CHSYNC

XV-BOARD TNPA3740AC (4/5)

TH-37/42PX600B
XV-Board (4 of 5) Schematic Diagram


IC8013
PEAKS_Lite 2/3
MN2WS0025AEA
IC8023
C0DBAMH00018
DC-DC CONV.3.3V
IC8024
C0DBAMH00018
DC-DC CONV.1.2V
IC8034
C0DBEHG00006
AVR +2.5V
IC8029
C0FBBK000047
AUDIO DAC
IC8031
BA15218FDXE2
AUDIO AMP
Q8101
2SA2077OOL
TO
DG-BOARD
(DG22)
XV01
CVBS
AF_CVBS
AF_VDACOUT5
VIDEO LINES, GUARDING Comp.
AH_DACCK
AH_SRCK
AH_DMIX
AH_LRCK
AA_DACRST
AD_SBO1
AD_SBI1
AA_XRST
AD_SCL0
AD_SDA0
AL_MVCLKO
AL_MHSYNCO
AL_MVSYNCO
SUB9V
SUB5V
3.3V
1.2V
2.5V
+2.5V
DL
DR
AF_R
AF_G
AF_B
51
52
53
54
55
56
57

XV-BOARD TNPA3740AC (5/5)

TH-37/42PX600B
XV-Board (5 of 5) Schematic Diagram

TH-37/42PX600B
XV-Board (5 of 5) Schematic Diagram

37 38 39 40 41 42 43 44 45

14 Schematic and Block Diagram

14.1. Schematic Diagram Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

Notes:

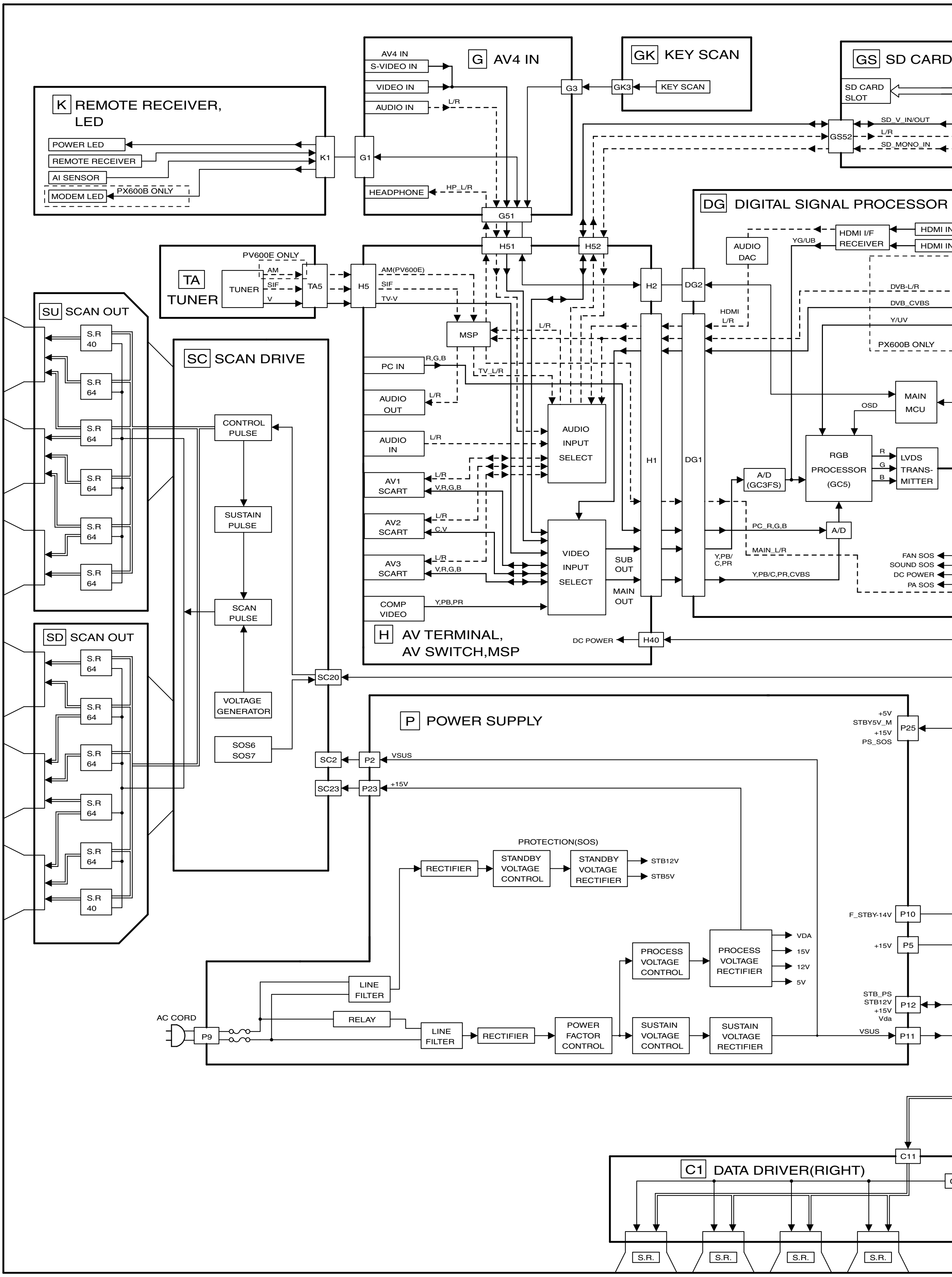
1. **Resistor**
   Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
   Unit of capacitance is µF, unless otherwise noted.
3. Coil
   Unit of inductance is H, unless otherwise noted.
4. Test Point
   ⚲ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold) ▽ : Line Earth (Hot)
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following:
   Power Source AC220-240V, 50/60Hz
   Receiving Signal .... Colour Bar signal (RF)
   All customer's controls .... Maximum positions
7. When arrow mark (↗) is found, connection is easily found from the direction of arrow.

8. Indicates the major signal flow. : Video ➡ Audio ⇨
9. This schematic diagram is the latest at the time of printing and subject to change without notice.

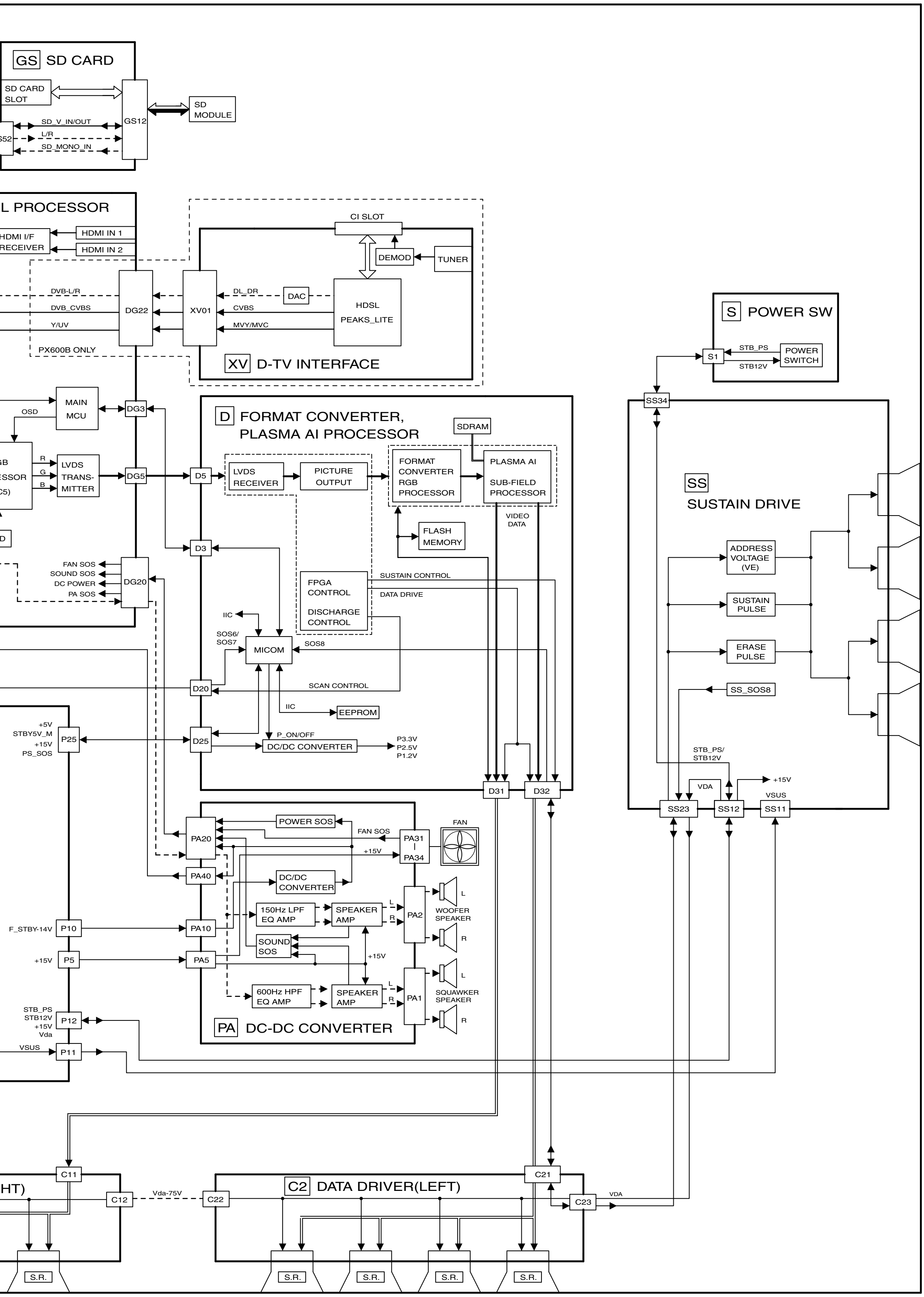
Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.
   All circuits, except the Power Circuit, are cold.
   Precautions
   a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
   c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
   Connect the earth of instruments to the earth connection of the circuit being measured.
   d. Make sure to disconnect the power plug before removing the chassis.

14.2. Main Block Diagram (37inch)

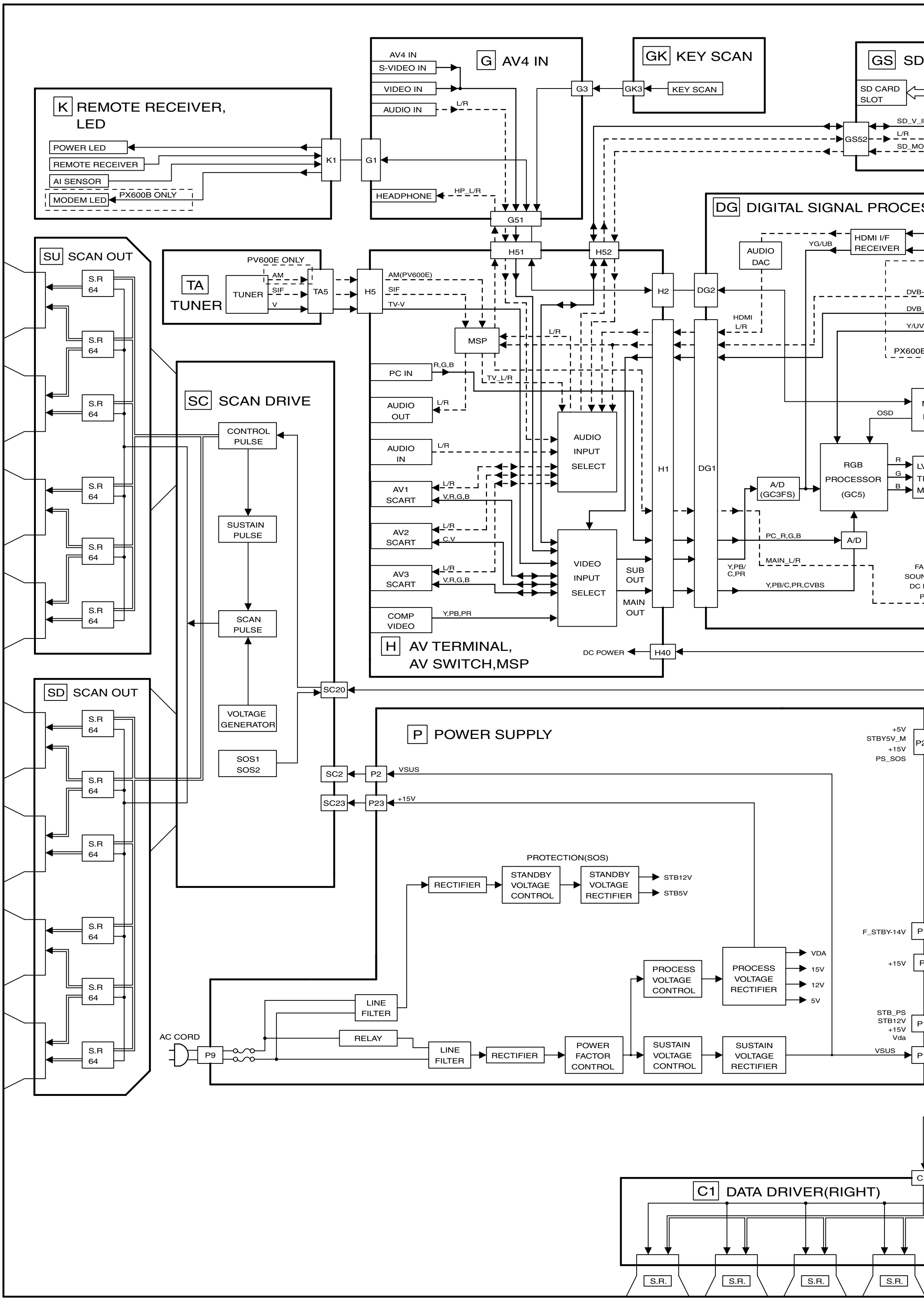

G AV4 IN
AV4 IN
S-VIDEO IN
VIDEO IN
AUDIO IN
L/R
HEADPHONE
HP_L/R
G1
G3
G51
GK KEY SCAN
GK3
KEY SCAN
GS SD CARD
SD CARD SLOT
GS52
SD_V_IN/OUT
L/R
SD_MONO_IN
K REMOTE RECEIVER, LED
POWER LED
REMOTE RECEIVER
AI SENSOR
MODEM LED
PX600B ONLY
K1
DG DIGITAL SIGNAL PROCESSOR
HDMI IN
HDMI IN
HDMI I/F RECEIVER
AUDIO DAC
YG/UB
HDMI L/R
DVB-L/R
DVB_CVBS
Y/UV
PX600B ONLY
DG2
DG1
MAIN MCU
OSD
RGB PROCESSOR (GC5)
R
G
B
LVDS TRANS-MITTER
A/D (GC3FS)
A/D
PC_R,G,B
MAIN_L/R
Y,PB/C,PR
Y,PB/C,PR,CVBS
FAN SOS
SOUND SOS
DC POWER
PA SOS
TA TUNER
PV600E ONLY
TUNER
AM
SIF
V
TA5
H5
AM(PV600E)
SIF
TV-V
MSP
L/R
TV_L/R
H51
H52
H2
H1
PC IN
R,G,B
AUDIO OUT
L/R
AUDIO IN
L/R
AV1 SCART
L/R
V,R,G,B
AV2 SCART
L/R
C,V
AV3 SCART
L/R
V,R,G,B
COMP VIDEO
Y,PB,PR
AUDIO INPUT SELECT
VIDEO INPUT SELECT
SUB OUT
MAIN OUT
H AV TERMINAL, AV SWITCH,MSP
DC POWER
H40
SU SCAN OUT
S.R 40
S.R 64
S.R 64
S.R 64
S.R 64
S.R 64
SD SCAN OUT
S.R 64
S.R 64
S.R 64
S.R 64
S.R 64
S.R 40
SC SCAN DRIVE
CONTROL PULSE
SUSTAIN PULSE
SCAN PULSE
VOLTAGE GENERATOR
SOS6 SOS7
SC20
SC2
SC23
P POWER SUPPLY
P2
P23
VSUS
+15V
+5V
STBY5V_M
+15V
PS_SOS
P25
PROTECTION(SOS)
RECTIFIER
STANDBY VOLTAGE CONTROL
STANDBY VOLTAGE RECTIFIER
STB12V
STB5V
F_STBY-14V
P10
+15V
P5
PROCESS VOLTAGE CONTROL
PROCESS VOLTAGE RECTIFIER
VDA
15V
12V
5V
STB_PS
STB12V
+15V
Vda
P12
VSUS
P11
AC CORD
P9
LINE FILTER
RELAY
LINE FILTER
RECTIFIER
POWER FACTOR CONTROL
SUSTAIN VOLTAGE CONTROL
SUSTAIN VOLTAGE RECTIFIER
C11
C1 DATA DRIVER(RIGHT)
S.R.
S.R.
S.R.
S.R.

TH-37PV600E, TH-37PX600B
Main Block Diagram


GS SD CARD
SD CARD SLOT
GS12
SD MODULE
SD_V_IN/OUT
L/R
SD_MONO_IN
S52
L PROCESSOR
HDMI I/F RECEIVER
HDMI IN 1
HDMI IN 2
DVB-L/R
DVB_CVBS
Y/UV
DG22
PX600B ONLY
CI SLOT
DEMOD
TUNER
DAC
DL_DR
CVBS
MVY/MVC
XV01
HDSL PEAKS_LITE
XV D-TV INTERFACE
S POWER SW
S1
STB_PS
STB12V
POWER SWITCH
SS34
MAIN MCU
OSD
DG3
D FORMAT CONVERTER, PLASMA AI PROCESSOR
SDRAM
R
G
B
LVDS TRANS-MITTER
DG5
D5
LVDS RECEIVER
PICTURE OUTPUT
FORMAT CONVERTER RGB PROCESSOR
PLASMA AI SUB-FIELD PROCESSOR
VIDEO DATA
FLASH MEMORY
D3
SS SUSTAIN DRIVE
ADDRESS VOLTAGE (VE)
SUSTAIN PULSE
ERASE PULSE
SS_SOS8
FAN SOS
SOUND SOS
DC POWER
PA SOS
DG20
FPGA CONTROL
DISCHARGE CONTROL
SUSTAIN CONTROL
DATA DRIVE
IIC
SOS6/ SOS7
MICOM
SOS8
D20
SCAN CONTROL
IIC
EEPROM
+5V
STBY5V_M
+15V
PS_SOS
P25
D25
P_ON/OFF
DC/DC CONVERTER
P3.3V
P2.5V
P1.2V
STB_PS/ STB12V
+15V
VDA
VSUS
D31
D32
SS23
SS12
SS11
FAN
POWER SOS
PA20
FAN SOS
+15V
PA31 | PA34
PA40
DC/DC CONVERTER
F_STBY-14V
P10
PA10
150Hz LPF EQ AMP
SPEAKER AMP
L
R
PA2
WOOFER SPEAKER
SOUND SOS
+15V
P5
PA5
+15V
600Hz HPF EQ AMP
SPEAKER AMP
PA1
SQUAWKER SPEAKER
STB_PS
STB12V
+15V
Vda
P12
VSUS
P11
PA DC-DC CONVERTER
C11
HT)
C12
Vda-75V
C22
C2 DATA DRIVER(LEFT)
C21
C23
VDA
S.R.
S.R.
S.R.
S.R.
S.R.

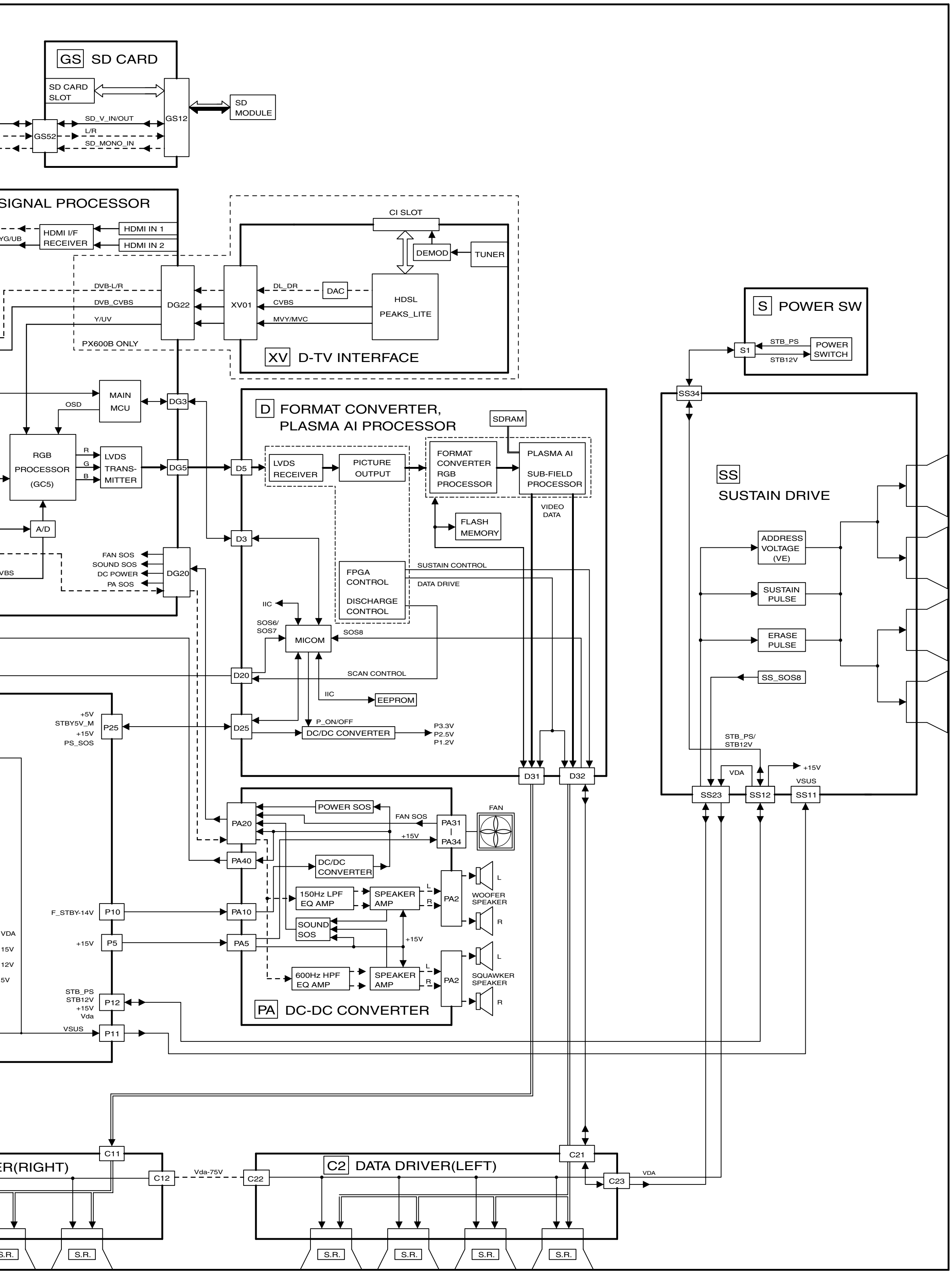
TH-37PV600E, TH-37PX600B
Main Block Diagram

14.3. Main Block Diagram (42inch)



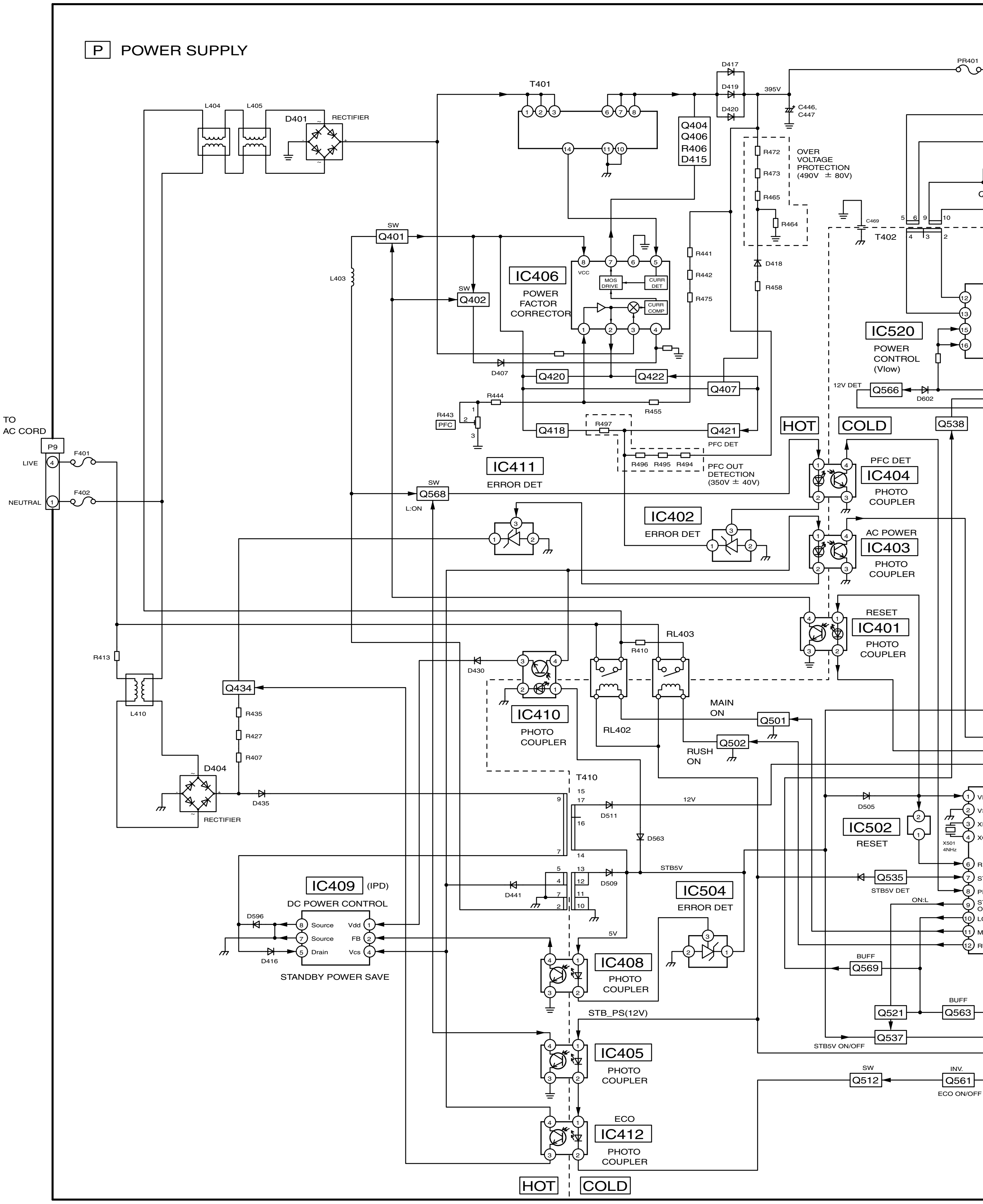
AV4 IN
S-VIDEO IN
VIDEO IN
AUDIO IN
L/R
G AV4 IN
G3
HEADPHONE
HP_L/R
G1
GK KEY SCAN
GK3
KEY SCAN
GS SD
SD CARD SLOT
GS52
SD_V_I
L/R
SD_MO
K REMOTE RECEIVER, LED
POWER LED
REMOTE RECEIVER
AI SENSOR
MODEM LED
PX600B ONLY
K1
G51
H51
H52
DG DIGITAL SIGNAL PROCES
AUDIO DAC
YG/UB
HDMI I/F RECEIVER
DVB-
DVB_
Y/UV
PX600E
HDMI L/R
H2
DG2
SU SCAN OUT
S.R 64
TA TUNER
PV600E ONLY
AM
SIF
V
TUNER
TA5
H5
AM(PV600E)
SIF
TV-V
MSP
L/R
PC IN
R,G,B
TV_L/R
AUDIO OUT
L/R
AUDIO IN
L/R
AUDIO INPUT SELECT
AV1 SCART
L/R
V,R,G,B
AV2 SCART
L/R
C,V
AV3 SCART
L/R
V,R,G,B
COMP VIDEO
Y,PB,PR
VIDEO INPUT SELECT
SUB OUT
MAIN OUT
H1
DG1
A/D (GC3FS)
RGB PROCESSOR (GC5)
R
G
B
OSD
PC_R,G,B
A/D
MAIN_L/R
Y,PB/ C,PR
Y,PB/C,PR,CVBS
FA
SOUN
DC
SC SCAN DRIVE
CONTROL PULSE
SUSTAIN PULSE
SCAN PULSE
VOLTAGE GENERATOR
SOS1 SOS2
H AV TERMINAL, AV SWITCH,MSP
DC POWER
H40
SC20
SD SCAN OUT
S.R 64
P POWER SUPPLY
+5V
STBY5V_M
+15V
PS_SOS
SC2
P2
VSUS
SC23
P23
+15V
PROTECTION(SOS)
RECTIFIER
STANDBY VOLTAGE CONTROL
STANDBY VOLTAGE RECTIFIER
STB12V
STB5V
F_STBY-14V
PROCESS VOLTAGE CONTROL
PROCESS VOLTAGE RECTIFIER
VDA
15V
12V
5V
+15V
STB_PS
STB12V
+15V
Vda
VSUS
AC CORD
P9
LINE FILTER
RELAY
LINE FILTER
RECTIFIER
POWER FACTOR CONTROL
SUSTAIN VOLTAGE CONTROL
SUSTAIN VOLTAGE RECTIFIER
C1 DATA DRIVER(RIGHT)
S.R.
S.R.
S.R.
S.R.

TH-42PV600E, TH-42PX600B
Main Block Diagram

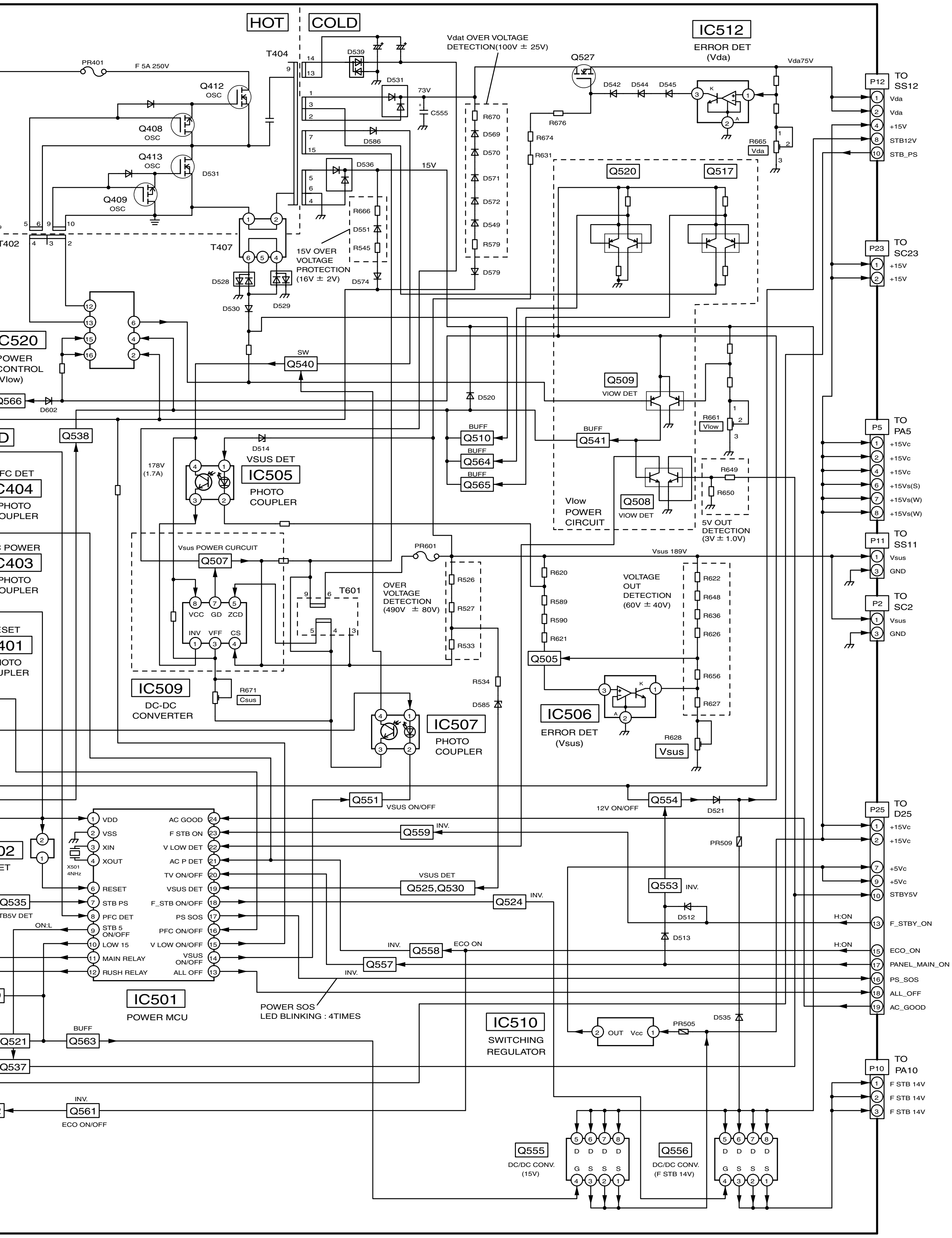

GS SD CARD
SD CARD SLOT
GS12
SD MODULE
GS52
SD_V_IN/OUT
L/R
SD_MONO_IN
SIGNAL PROCESSOR
HDMI I/F RECEIVER
HDMI IN 1
HDMI IN 2
YG/UB
DVB-L/R
DVB_CVBS
Y/UV
DG22
XV01
DL_DR
CVBS
MVY/MVC
DAC
CI SLOT
DEMOD
TUNER
HDSL
PEAKS_LITE
PX600B ONLY
XV D-TV INTERFACE
MAIN MCU
OSD
DG3
RGB PROCESSOR (GC5)
R
G
B
LVDS TRANS-MITTER
DG5
A/D
FAN SOS
SOUND SOS
DC POWER
PA SOS
DG20
VBS
D FORMAT CONVERTER, PLASMA AI PROCESSOR
SDRAM
D5
LVDS RECEIVER
PICTURE OUTPUT
FORMAT CONVERTER RGB PROCESSOR
PLASMA AI
SUB-FIELD PROCESSOR
VIDEO DATA
FLASH MEMORY
D3
FPGA CONTROL
DISCHARGE CONTROL
SUSTAIN CONTROL
DATA DRIVE
IIC
SOS6/ SOS7
MICOM
SOS8
D20
SCAN CONTROL
IIC
EEPROM
D25
P_ON/OFF
DC/DC CONVERTER
P3.3V
P2.5V
P1.2V
D31
D32
+5V
STBY5V_M
+15V
PS_SOS
P25
S POWER SW
S1
STB_PS
STB12V
POWER SWITCH
SS34
SS SUSTAIN DRIVE
ADDRESS VOLTAGE (VE)
SUSTAIN PULSE
ERASE PULSE
SS_SOS8
STB_PS/ STB12V
VDA
+15V
VSUS
SS23
SS12
SS11
POWER SOS
FAN SOS
FAN
PA20
PA31 | PA34
+15V
PA40
DC/DC CONVERTER
150Hz LPF EQ AMP
SPEAKER AMP
L
R
PA2
WOOFER SPEAKER
F_STBY-14V
P10
PA10
SOUND SOS
+15V
P5
PA5
600Hz HPF EQ AMP
SPEAKER AMP
SQUAWKER SPEAKER
VDA
15V
12V
5V
STB_PS
STB12V
+15V
Vda
P12
VSUS
P11
PA DC-DC CONVERTER
C11
ER(RIGHT)
C12
Vda-75V
C22
C2 DATA DRIVER(LEFT)
C21
C23
VDA
S.R.

TH-42PV600E, TH-42PX600B
Main Block Diagram

14.4. P-Board Block Diagram (37inch)


P
POWER SUPPLY
TO
AC CORD
P9
LIVE
NEUTRAL
F401
F402
L404
L405
D401
RECTIFIER
T401
D417
D419
D420
395V
PR401
C446,
C447
Q404
Q406
R406
D415
R472
R473
R465
R464
OVER
VOLTAGE
PROTECTION
(490V ± 80V)
C469
T402
D418
R458
R441
R442
R475
SW
Q401
L403
SW
Q402
IC406
VCC
MOS
DRIVE
CURR
DET
CURR
COMP
POWER
FACTOR
CORRECTOR
D407
Q420
Q422
Q407
R444
R443
PFC
R455
Q418
R497
Q421
PFC DET
R496
R495
R494
PFC OUT
DETECTION
(350V ± 40V)
IC411
ERROR DET
SW
Q568
L:ON
IC402
ERROR DET
IC520
POWER
CONTROL
(Vlow)
12V DET
Q566
D602
Q538
HOT
COLD
PFC DET
IC404
PHOTO
COUPLER
AC POWER
IC403
PHOTO
COUPLER
RESET
IC401
PHOTO
COUPLER
RL403
R410
D430
R413
Q434
L410
R435
R427
R407
D404
RECTIFIER
D435
IC410
PHOTO
COUPLER
RL402
MAIN
ON
Q501
Q502
RUSH
ON
T410
12V
D511
D563
D505
IC502
RESET
X501
4NHz
D509
STB5V
D441
Q535
STB5V DET
ON:L
IC504
ERROR DET
IC409
(IPD)
DC POWER CONTROL
D596
Source
Source
Drain
Vdd
FB
Vcs
D416
STANDBY POWER SAVE
5V
IC408
PHOTO
COUPLER
BUFF
Q569
BUFF
Q521
Q563
STB_PS(12V)
Q537
STB5V ON/OFF
IC405
PHOTO
COUPLER
SW
Q512
INV.
Q561
ECO ON/OFF
ECO
IC412
PHOTO
COUPLER
HOT
COLD

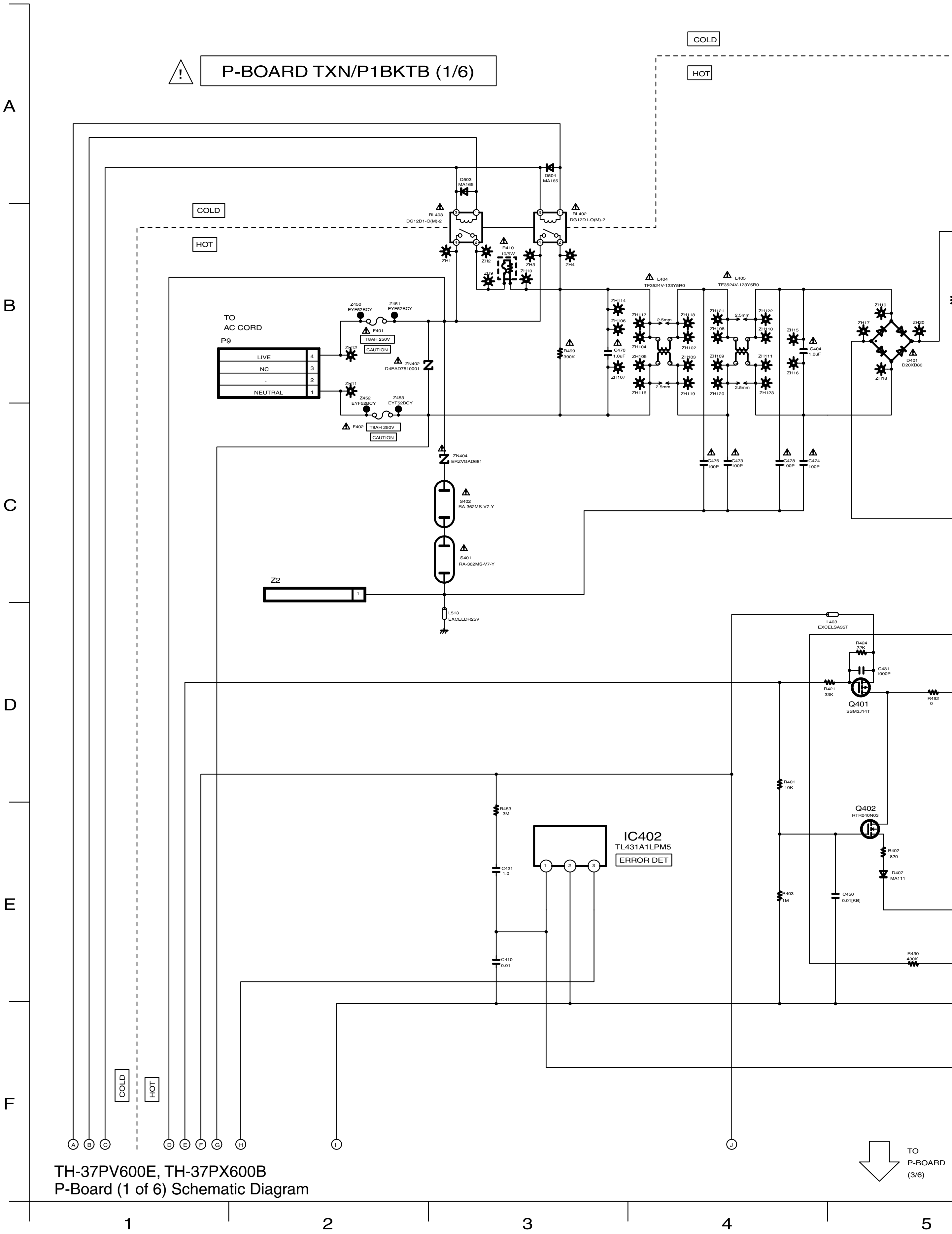
TH-37PV600E, TH-37PX600B
P-Board Block Diagram



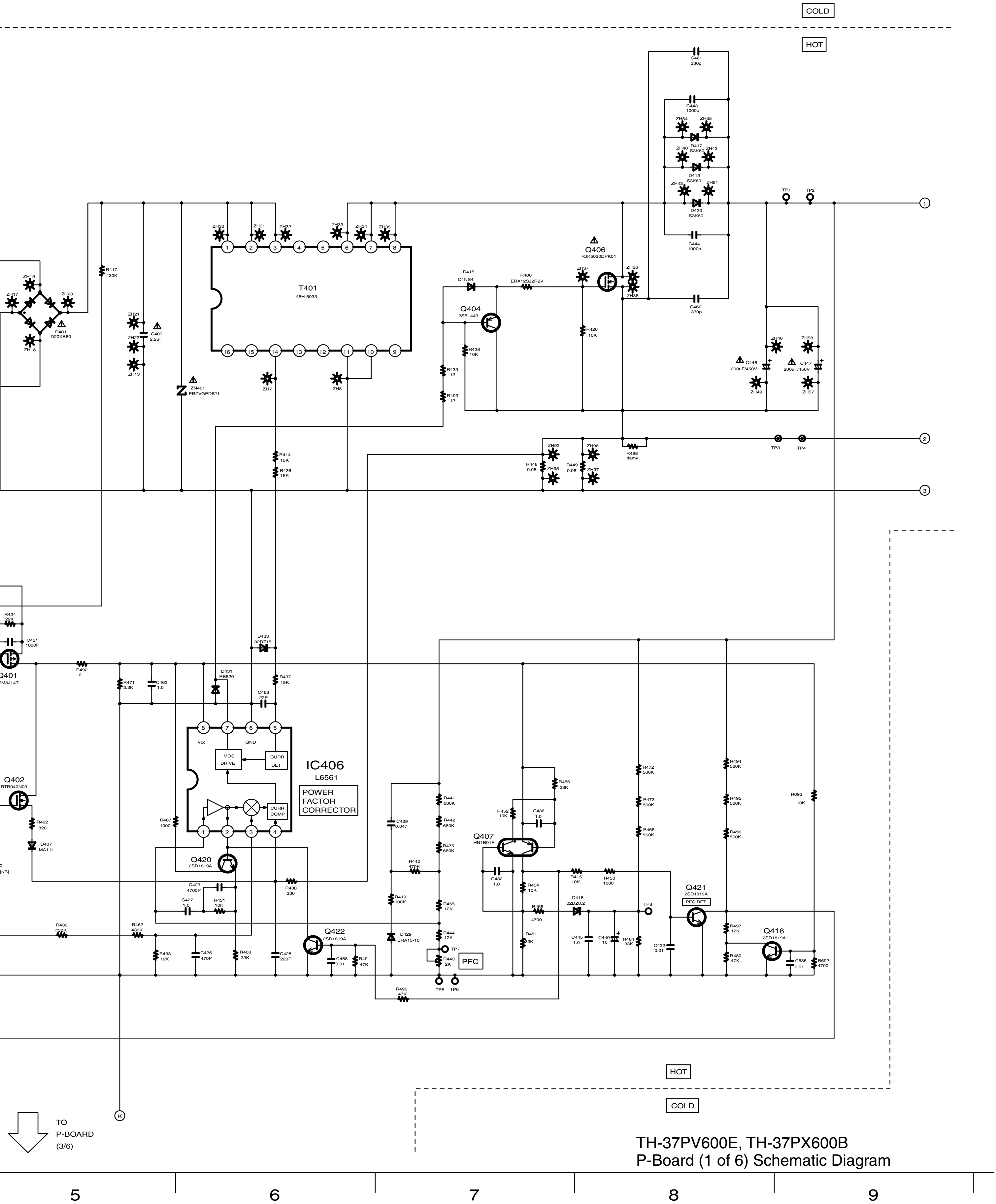
HOT
COLD
IC512
ERROR DET
(Vda)
Vdat OVER VOLTAGE
DETECTION(100V ± 25V)
Q527
Vda75V
PR401
F 5A 250V
T404
Q412
OSC
Q408
OSC
Q413
OSC
Q409
OSC
D531
D539
73V
C555
D586
D536
15V
D542
D544
D545
R670
D569
D570
D571
D572
D549
R579
D579
R676
R674
R631
R665
Vda
Q520
Q517
T402
T407
D528
D529
D530
15V OVER
VOLTAGE
PROTECTION
(16V ± 2V)
R666
D551
R545
D574
C520
POWER
CONTROL
(Vlow)
Q540
SW
Q566
D602
Q538
Q509
VlOW DET
D520
R661
Vlow
BUFF
Q510
Q564
Q565
Q541
D514
VSUS DET
IC505
PHOTO
COUPLER
178V
(1.7A)
PFC DET
C404
PHOTO
COUPLER
Vlow
POWER
CIRCUIT
Q508
VlOW DET
R649
R650
5V OUT
DETECTION
(3V ± 1.0V)
POWER
C403
PHOTO
COUPLER
Vsus POWER CURCUIT
Q507
PR601
Vsus 189V
VCC GD ZCD
INV VFF CS
T601
OVER
VOLTAGE
DETECTION
(490V ± 80V)
R526
R527
R533
R620
R589
R590
R621
VOLTAGE
OUT
DETECTION
(60V ± 40V)
R622
R648
R636
R626
R656
R627
RESET
401
HOTO
UPLER
Q505
IC509
DC-DC
CONVERTER
R671
Csus
R534
D585
IC507
PHOTO
COUPLER
IC506
ERROR DET
(Vsus)
R628
Vsus
Q551
VSUS ON/OFF
Q554
12V ON/OFF
D521
PR509
Q559
INV.
X501
4NHz
VDD
VSS
XIN
XOUT
RESET
STB PS
PFC DET
STB 5 ON/OFF
LOW 15
MAIN RELAY
RUSH RELAY
AC GOOD
F STB ON
V LOW DET
AC P DET
TV ON/OFF
VSUS DET
F_STB ON/OFF
PS SOS
PFC ON/OFF
V LOW ON/OFF
VSUS ON/OFF
ALL OFF
Q525,Q530
VSUS DET
Q524
INV.
Q553
INV.
D512
D513
Q535
TB5V DET
ON:L
Q558
INV.
ECO ON
Q557
INV.
IC501
POWER MCU
POWER SOS
LED BLINKING : 4TIMES
IC510
SWITCHING
REGULATOR
OUT Vcc
PR505
D535
Q521
Q563
BUFF
Q537
Q561
INV.
ECO ON/OFF
Q555
DC/DC CONV.
(15V)
Q556
DC/DC CONV.
(F STB 14V)
D D D D
G S S S
P12 TO SS12
Vda
Vda
+15V
STB12V
STB_PS
P23 TO SC23
+15V
+15V
P5 TO PA5
+15Vc
+15Vc
+15Vc
+15Vs(S)
+15Vs(W)
+15Vs(W)
P11 TO SS11
Vsus
GND
P2 TO SC2
Vsus
GND
P25 TO D25
+15Vc
+15Vc
+5Vc
+5Vc
STBY5V
H:ON
F_STBY_ON
H:ON
ECO_ON
PANEL_MAIN_ON
PS_SOS
ALL_OFF
AC_GOOD
P10 TO PA10
F STB 14V
F STB 14V
F STB 14V

TH-37PV600E, TH-37PX600B
P-Board Block Diagram

14.5. P-Board (1 of 6) Schematic Diagram (37inch)

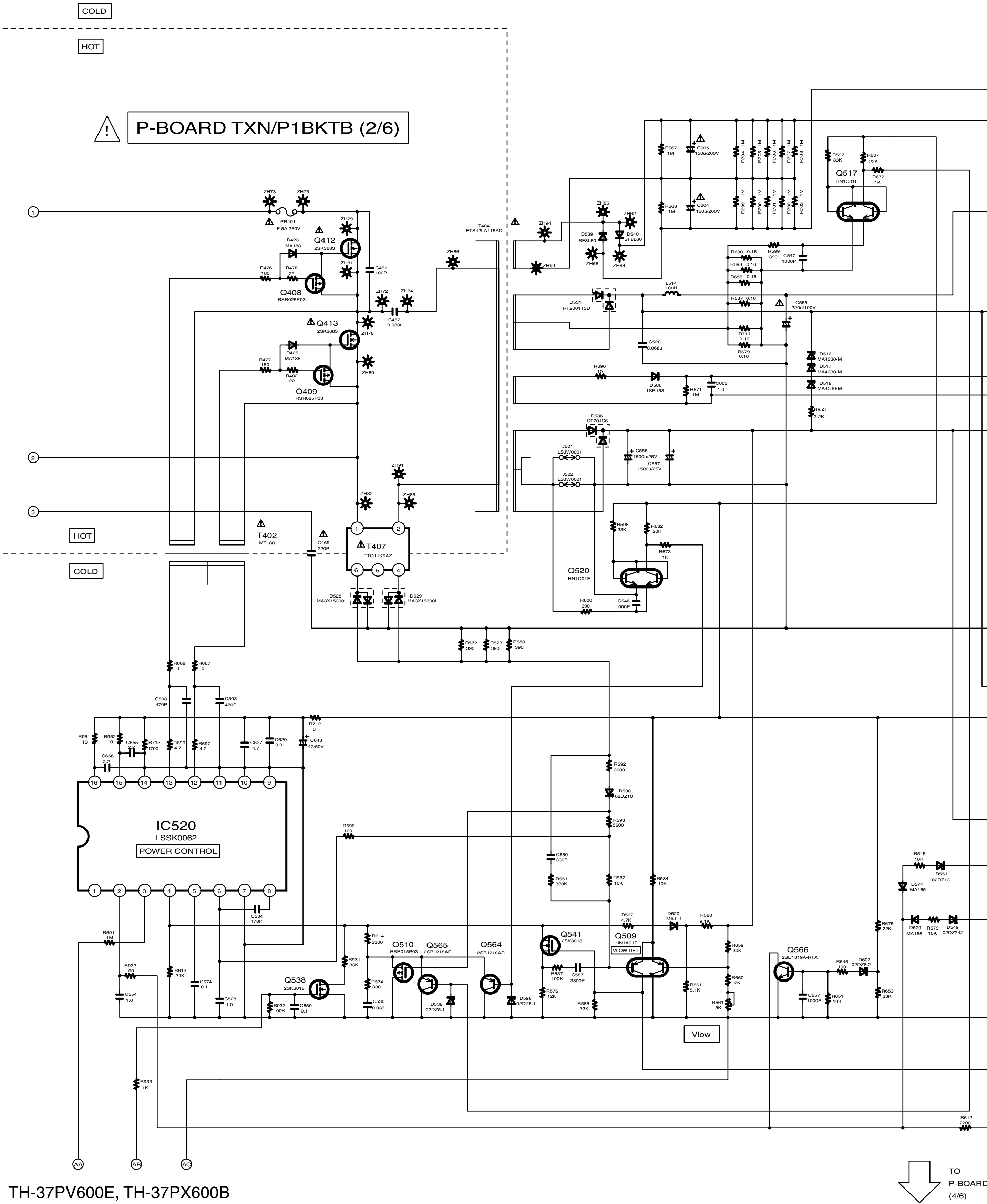

P-BOARD TXN/P1BKTB (1/6)
COLD
HOT
TO
AC CORD
P9
LIVE
NC
-
NEUTRAL
4
3
2
1
Z450
EYF52BCY
Z451
EYF52BCY
F401
T8AH 250V
CAUTION
ZN402
D4EAD7510001
Z452
EYF52BCY
Z453
EYF52BCY
F402
T8AH 250V
CAUTION
ZH11
ZH12
D503
MA165
D504
MA165
RL403
DG12D1-O(M)-2
RL402
DG12D1-O(M)-2
R410
10/5W
ZH1
ZH2
ZH3
ZH4
ZH9
ZH10
R499
390K
L404
TF3524V-123Y5R0
L405
TF3524V-123Y5R0
C470
1.0uF
C404
1.0uF
ZH114
ZH106
ZH107
ZH117
ZH104
ZH105
ZH116
ZH118
ZH102
ZH103
ZH119
ZH121
ZH108
ZH109
ZH120
ZH122
ZH110
ZH111
ZH123
ZH15
ZH16
ZH17
ZH18
ZH19
ZH20
2.5mm
D401
D20XB80
C476
100P
C473
100P
C478
100P
C474
100P
ZN404
ERZVGAD681
S402
RA-362MS-V7-Y
S401
RA-362MS-V7-Y
Z2
1
L513
EXCELDR25V
L403
EXCELSA35T
R424
22K
C431
1000P
R421
33K
Q401
SSM3J14T
R492
0
R401
10K
Q402
RTR040N03
R402
820
D407
MA111
R403
1M
C450
0.01[KB]
R430
430K
R453
3M
C421
1.0
C410
0.01
IC402
TL431A1LPM5
ERROR DET
1
2
3
A
B
C
D
E
F
G
H
I
J
TO
P-BOARD
(3/6)
1
2
3
4
5

TH-37PV600E, TH-37PX600B
P-Board (1 of 6) Schematic Diagram


COLD
HOT
C461 330p
C443 1000p
ZH54
ZH55
D417 S3K60
ZH40
ZH42
D419 S3K60
ZH43
ZH51
D420 S3K60
C444 1000p
TP1
TP2
①
T401 45H-5033
ZH30
ZH31
ZH32
ZH33
ZH34
ZH35
Q406 RJK5020DPK01
ZH36
ZH37
ZH38
D415 D1NS4
R406 ERX12SJ2R2V
Q404 2SB1443
R428 10K
R426 10K
C460 330p
R417 430K
ZH17
ZH19
ZH20
ZH18
D401 D20XB80
ZH21
ZH22
ZH13
C409 2.2uF
ZN401 ERZVGED621
ZH7
ZH8
R439 12
R493 12
ZH48
ZH58
C446 200uF/450V
C447 200uF/450V
ZH49
ZH57
ZH92
ZH96
R448 0.08
ZH95
R449 0.08
ZH97
R498 damy
TP3
TP4
②
③
R414 15K
R436 15K
R424 22K
C431 1000P
Q401
GM3J14T
R492 0
R471 3.3K
C462 1.0
D433 02DZ15
D431 RB520
R437 18K
C463 22P
Vcc
GND
MOS DRIVE
CURR DET
CURR COMP
IC406
L6561
POWER FACTOR CORRECTOR
Q402
RTR040N03
R402 820
D407 MA111
R467 1000
Q420 2SD1819A
C423 4700P
C427 1.0
R431 10K
R438 330
R430 430K
R462 430K
R433 12K
C426 470P
R463 33K
C428 220P
Q422 2SD1819A
C468 0.01
R491 47K
C429 0.047
R441 680K
R442 680K
R475 680K
R440 470K
R419 100K
R455 12K
D429 ERA15-10
R444 12K
TP7
R443 2K
PFC
R490 47K
TP5
TP6
R456 33K
R452 10K
C436 1.0
Q407 HN1B01F
C432 1.0
R454 10K
R458 4700
R451 33K
R415 10K
R450 1000
D418 02DZ8.2
C445 1.0
C440 10
R464 33K
R472 560K
R473 560K
R465 560K
TP8
C422 0.01
Q421 2SD1819A
PFC DET
R494 560K
R495 560K
R496 560K
R497 12K
R480 47K
Q418 2SD1819A
C635 0.01
R693 10K
R692 4700
HOT
COLD
K
TO
P-BOARD
(3/6)
5
6
7
8
9

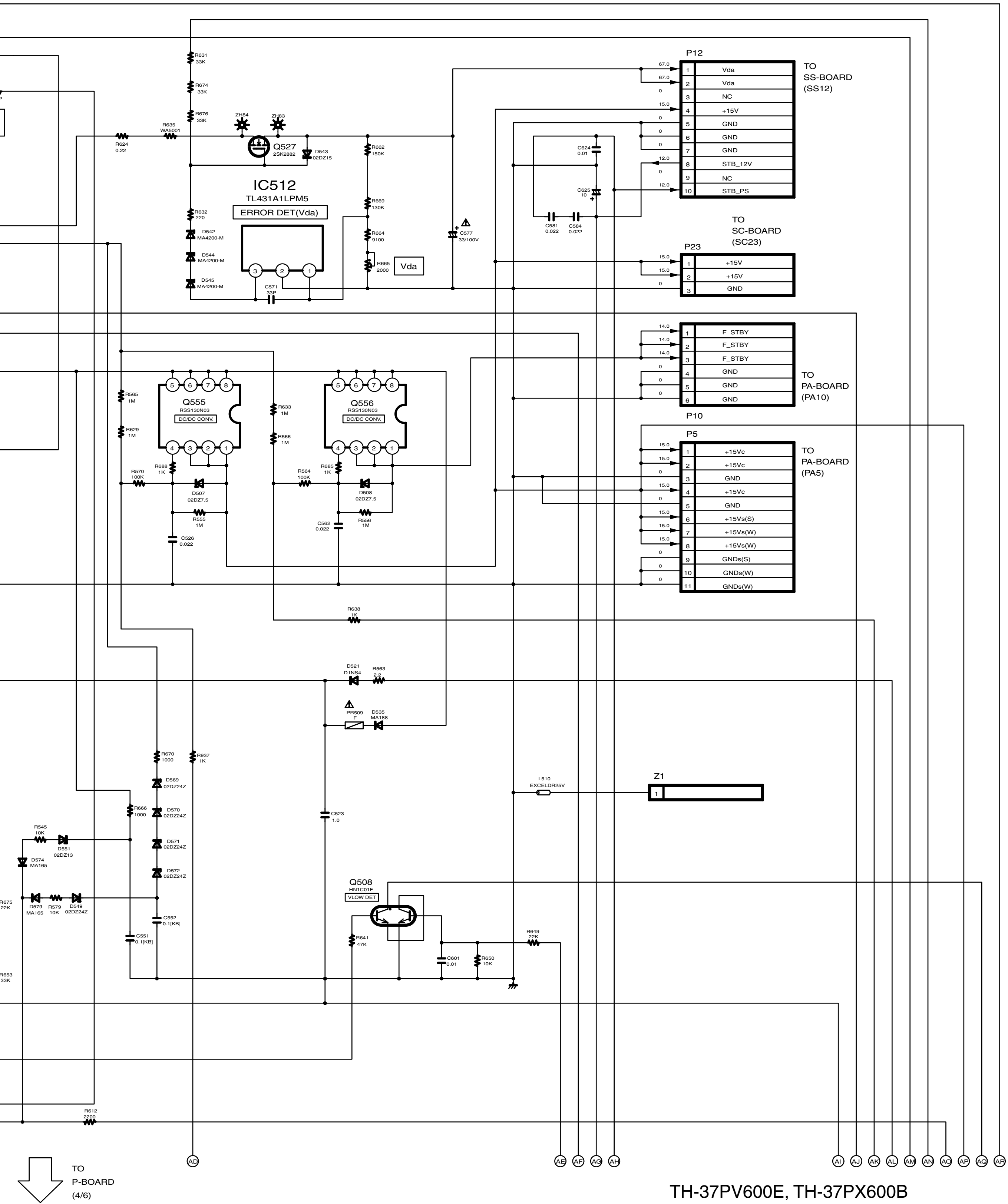
TH-37PV600E, TH-37PX600B
P-Board (1 of 6) Schematic Diagram

14.6. P-Board (2 of 6) Schematic Diagram (37inch)


COLD
HOT
P-BOARD TXN/P1BKTB (2/6)
ZH73
ZH75
PR401
F 5A 250V
D423
MA188
Q412
2SK3683
ZH79
ZH81
C451
100P
R476
180
R478
22
Q408
RSR025P03
ZH72
ZH74
C457
0.033u
Q413
2SK3683
ZH78
D425
MA188
R477
180
R482
22
Q409
RSR025P03
ZH80
ZH86
T404
ETS42LA115AD
ZH94
ZH99
ZH65
ZH62
D539
SF8L60
D540
SF8L60
ZH66
ZH64
R567
1M
C605
150u/200V
R568
1M
C604
150u/200V
R704 1M
R705 1M
R706 1M
R707 1M
R708 1M
R699 1M
R700 1M
R701 1M
R702 1M
R703 1M
R597
33K
R607
22K
R672
1K
Q517
HN1C01F
R680 0.16
R599
390
C547
1000P
R698 0.16
R655 0.16
R587 0.16
C555
220u/100V
R711
0.16
R679
0.16
L514
10uH
D531
RF2001T3D
C520
0.068u
D516
MA4330-M
D517
MA4330-M
D518
MA4330-M
R953
2.2K
R696
10
D586
1SR153
R571
1M
C603
1.0
D536
SF20JC6
J501
LSJW0001
J502
LSJW0001
C556
1500u/25V
C557
1500u/25V
ZH91
ZH82
ZH85
T402
MT180
C469
220P
T407
ETQ11K5AZ
D528
MA3X15300L
D529
MA3X15300L
R598
33K
R682
20K
R673
1K
Q520
HN1C01F
R600
390
C546
1000P
R572
390
R573
390
R588
390
R668
0
R667
0
C508
470P
C503
470P
R712
0
R951
10
R952
10
C655
2.2
R713
4700
R690
4.7
R697
4.7
C527
4.7
C620
0.01
C643
47/50V
C656
2.2
IC520
LSSK0062
POWER CONTROL
C534
470P
R596
100
R591
1M
R922
100
C554
1.0
R613
24K
C574
0.1
C528
1.0
R614
3300
R931
33K
Q538
2SK3018
R932
100K
C650
0.1
R574
330
C530
0.033
Q510
RSR015P03
Q565
2SB1218AR
D538
02DZ5.1
Q564
2SB1218AR
D598
02DZ5.1
R592
3000
D530
02DZ10
R593
5600
C550
330P
R551
330K
R582
10K
R584
10K
Q541
2SK3018
R537
100K
C587
3300P
R576
12K
R585
33K
R562
4.7K
D520
MA111
R560
9.1K
Q509
HN1A01F
VLOW DET
R561
5.1K
R659
30K
R660
12K
R661
5K
Vlow
Q566
2SD1819A-RTX
R645
100
D602
02DZ8.2
C657
1000P
R651
10K
R653
33K
R675
22K
R545
10K
D551
02DZ13
D574
MA165
D579
MA165
R579
10K
D549
02DZ24Z
R612
2200
R933
1K
AA
AB
AC
TO
P-BOARD
(4/6)

TH-37PV600E, TH-37PX600B
P-Board (2 of 6) Schematic Diagram

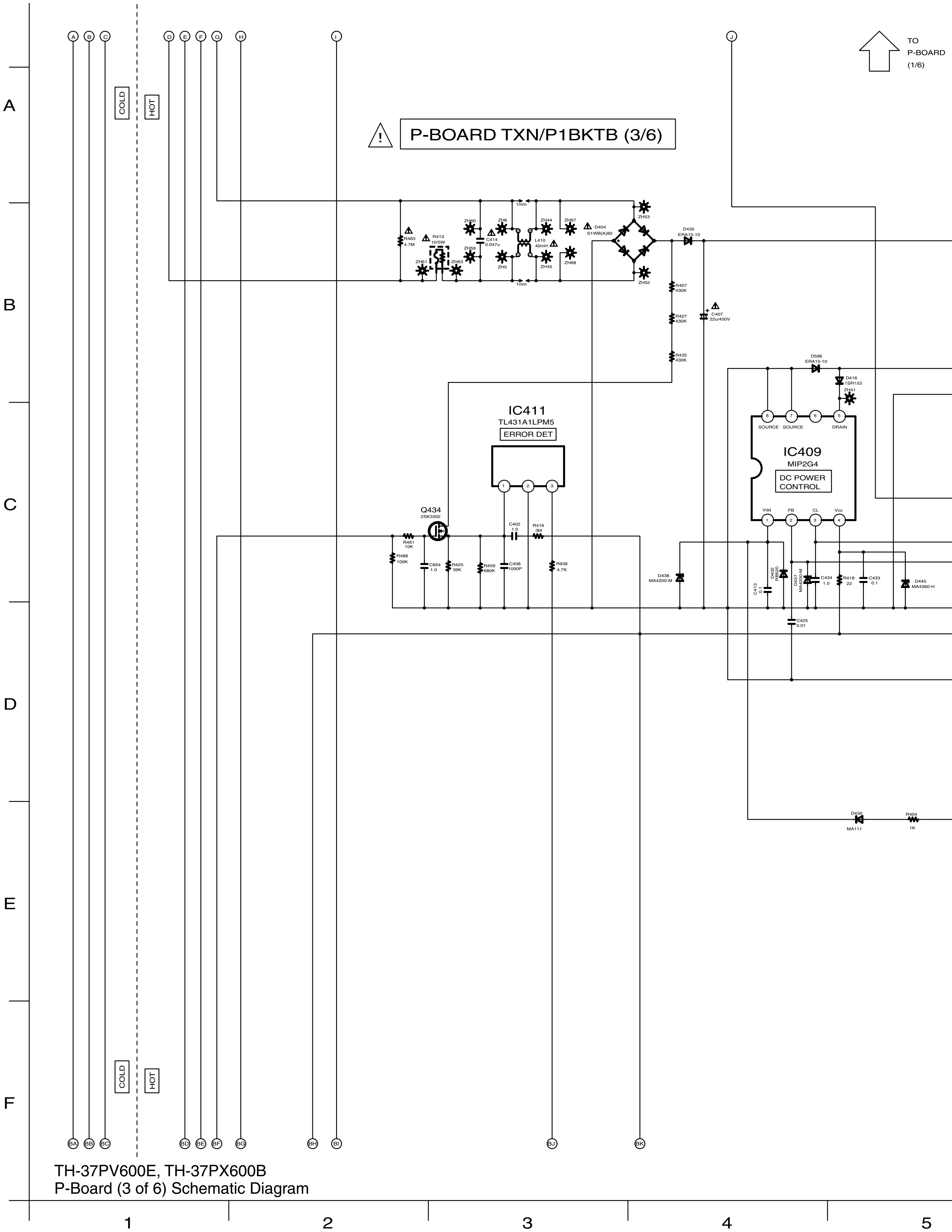
10 11 12 13 14


P12
TO SS-BOARD (SS12)
1 Vda
2 Vda
3 NC
4 +15V
5 GND
6 GND
7 GND
8 STB_12V
9 NC
10 STB_PS
TO SC-BOARD (SC23)
P23
1 +15V
2 +15V
3 GND
1 F_STBY
2 F_STBY
3 F_STBY
4 GND
5 GND
6 GND
TO PA-BOARD (PA10)
P10
P5
1 +15Vc
2 +15Vc
3 GND
4 +15Vc
5 GND
6 +15Vs(S)
7 +15Vs(W)
8 +15Vs(W)
9 GNDs(S)
10 GNDs(W)
11 GNDs(W)
TO PA-BOARD (PA5)
IC512
TL431A1LPM5
ERROR DET(Vda)
Q527
2SK2882
Q555
RSS130N03
DC/DC CONV.
Q556
RSS130N03
DC/DC CONV.
Q508
HN1C01F
VLOW DET
Z1
L510
EXCELDR25V
R631 33K
R674 33K
R676 33K
R635 WA5001
R624 0.22
ZH84
ZH83
D543 02DZ15
R662 150K
R669 130K
R664 9100
R665 2000
Vda
C577 33/100V
C624 0.01
C625 10
C581 0.022
C584 0.022
R632 220
D542 MA4200-M
D544 MA4200-M
D545 MA4200-M
C571 33P
R565 1M
R629 1M
R633 1M
R566 1M
R570 100K
R688 1K
D507 02DZ7.5
R555 1M
C526 0.022
R564 100K
R685 1K
D508 02DZ7.5
R556 1M
C562 0.022
R638 1K
D521 D1NS4
R563 2.2
PR509 F
D535 MA188
R670 1000
R937 1K
D569 02DZ24Z
D570 02DZ24Z
D571 02DZ24Z
D572 02DZ24Z
R666 1000
C523 1.0
R545 10K
D551 02DZ13
D574 MA165
D579 MA165
R579 10K
D549 02DZ24Z
R675 22K
C552 0.1[KB]
C551 0.1[KB]
R641 47K
C601 0.01
R650 10K
R649 22K
R653 33K
R612 2200
AD
AE
AF
AG
AH
AI
AJ
AK
AL
AM
AN
AO
AP
AQ
AR
TO P-BOARD (4/6)

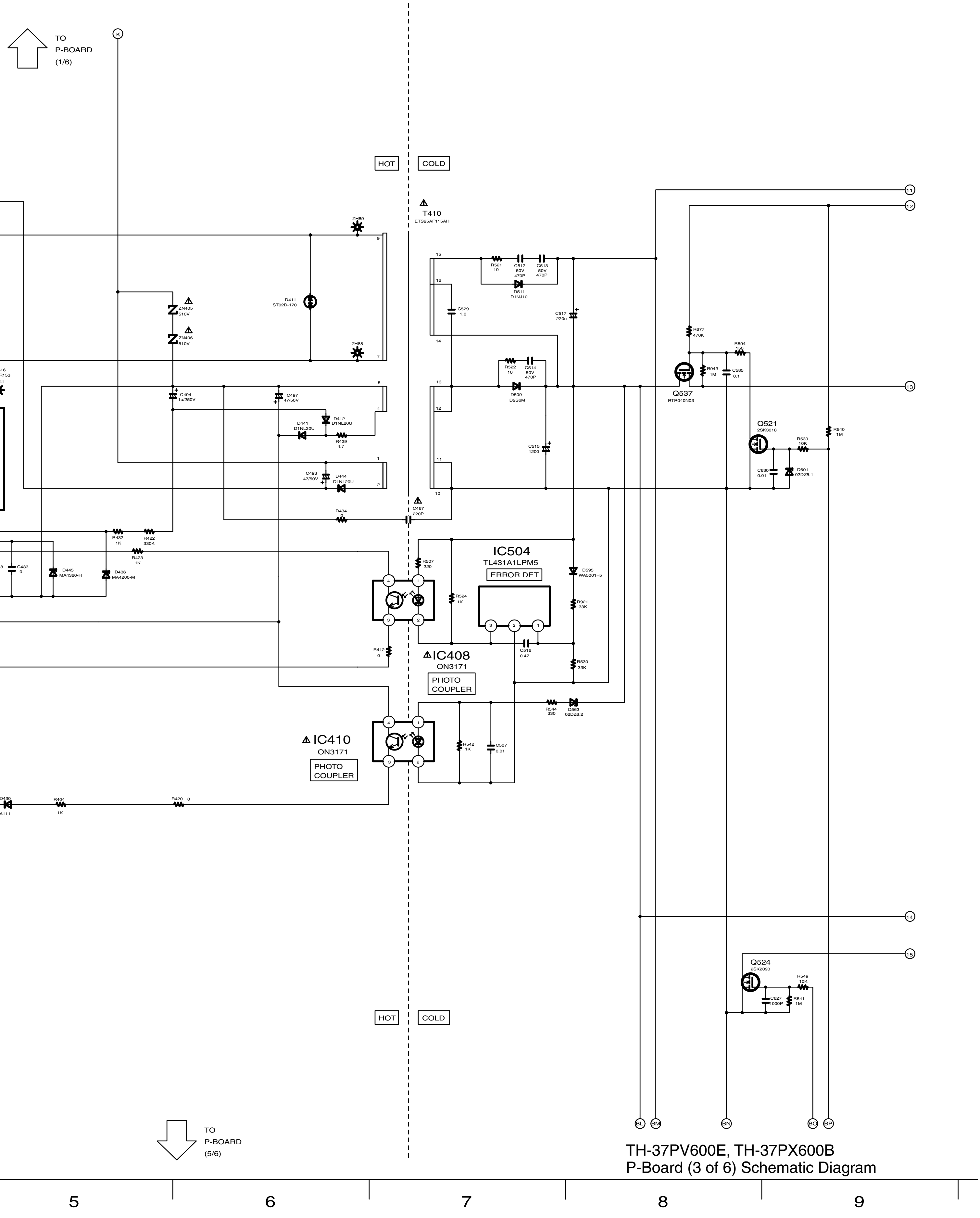
TH-37PV600E, TH-37PX600B
P-Board (2 of 6) Schematic Diagram

14 15 16 17 18

14.7. P-Board (3 of 6) Schematic Diagram (37inch)

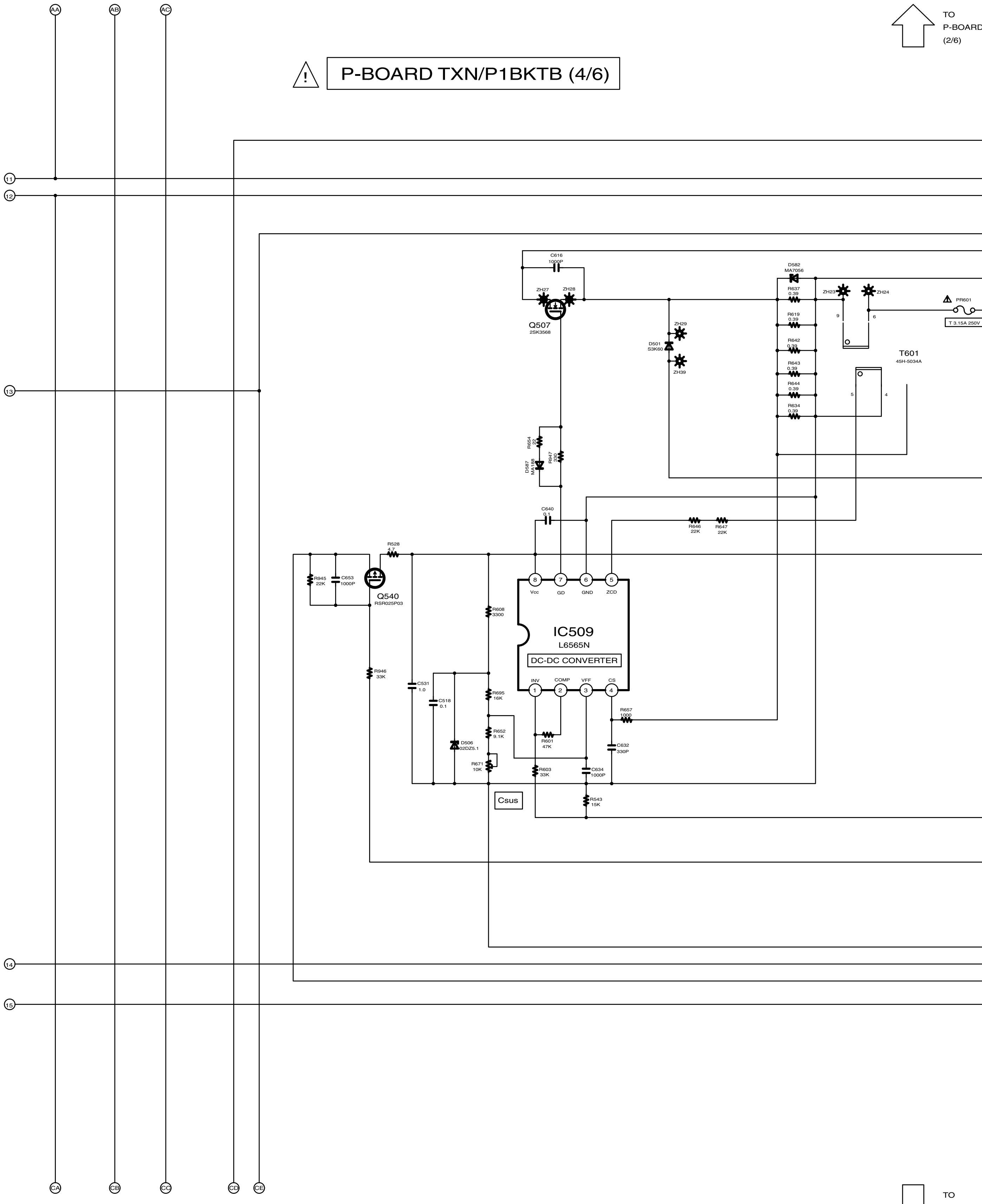

A
B
C
D
E
F
1
2
3
4
5
COLD
HOT
A
B
C
D
E
F
G
H
I
J
TO
P-BOARD
(1/6)
P-BOARD TXN/P1BKTB (3/6)
R483
4.7M
R413
10/5W
ZH61
ZH63
ZH60
ZH59
C414
0.047u
ZH6
ZH5
1mm
1mm
L410
40mH
ZH44
ZH45
ZH67
ZH68
D404
S1WB(A)80
ZH53
ZH52
D435
ERA15-10
R407
430K
R427
430K
R435
430K
C407
22u/450V
D596
ERA15-10
D416
1SR153
ZH41
IC411
TL431A1LPM5
ERROR DET
1
2
3
Q434
2SK3302
R461
10K
R488
100K
C654
1.0
R425
39K
R459
680K
C402
1.0
C408
1000P
R416
3M
R938
4.7K
IC409
MIP2G4
DC POWER
CONTROL
8
7
6
5
SOURCE
SOURCE
DRAIN
Vdd
FB
CL
Vcc
1
2
3
4
D438
MA4200-M
C413
0.1
D432
RB520
D437
MA4200-M
C434
1.0
R418
22
C433
0.1
D445
MA4360-H
C425
0.01
D430
MA111
R404
1K
BA
BB
BC
BD
BE
BF
BG
BH
BI
BJ
BK

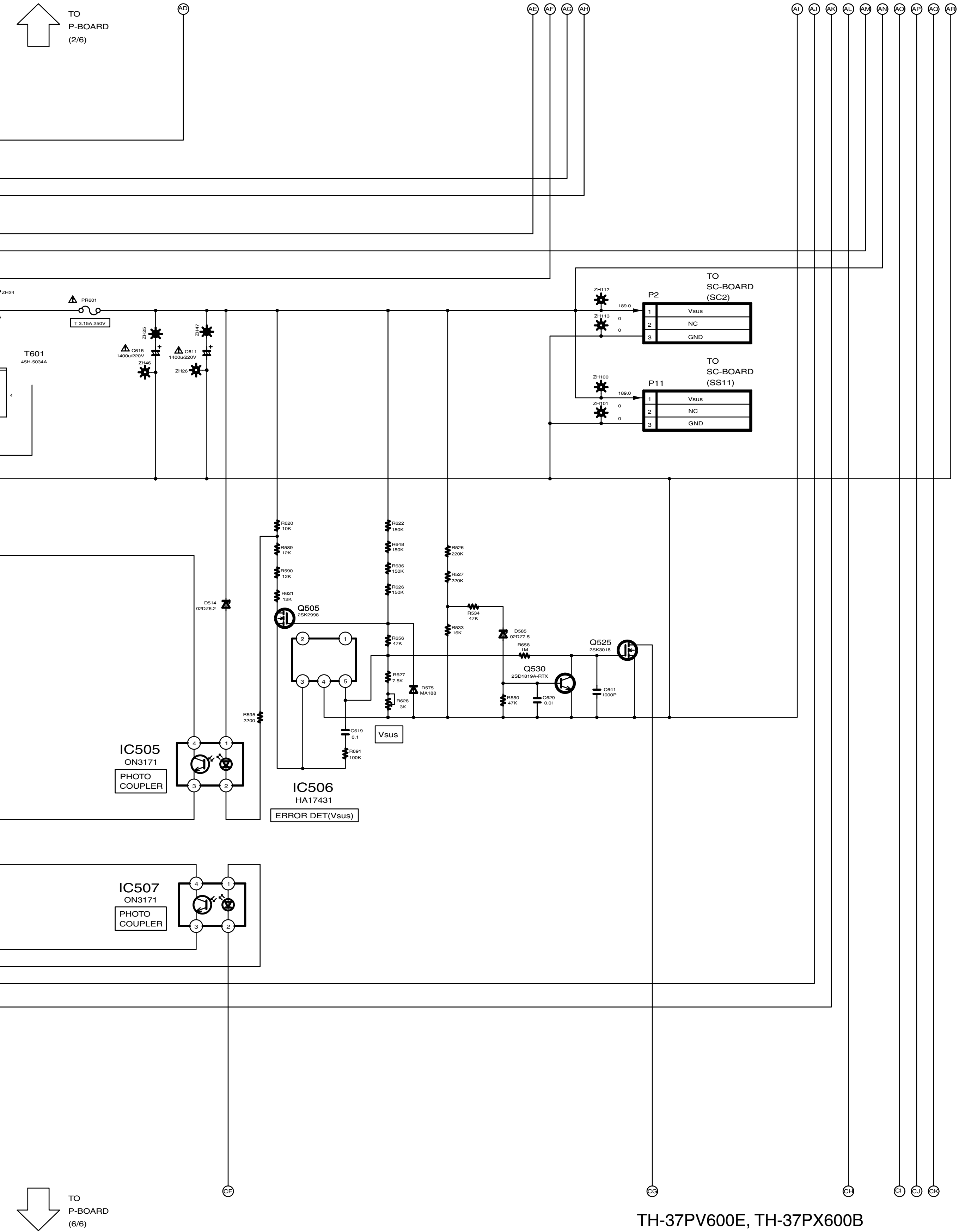
TH-37PV600E, TH-37PX600B
P-Board (3 of 6) Schematic Diagram


TO
P-BOARD
(1/6)
K
HOT
COLD
T410
ETS25AF115AH
ZH89
ZH88
D411
ST02D-170
ZN405
510V
ZN406
510V
C494
1u/250V
C497
47/50V
D412
D1NL20U
D441
D1NL20U
R429
4.7
C493
47/50V
D444
D1NL20U
R434
0
C467
220P
R432
1K
R422
330K
R423
1K
C433
0.1
D445
MA4360-H
D436
MA4200-M
R412
0
D430
R404
1K
R420
0
R521
10
C512
50V
470P
C513
50V
470P
D511
D1NJ10
C529
1.0
C517
220u
R522
10
C514
50V
470P
D509
D2S6M
C515
1200
R677
470K
R594
150
R943
1M
C585
0.1
Q537
RTR040N03
Q521
2SK3018
R539
10K
R540
1M
C630
0.01
D601
02DZ5.1
IC504
TL431A1LPM5
ERROR DET
R507
220
R524
1K
D595
WA5001=5
R921
33K
C516
0.47
R530
33K
IC408
ON3171
PHOTO
COUPLER
R544
330
D563
02DZ6.2
IC410
ON3171
PHOTO
COUPLER
R542
1K
C507
0.01
Q524
2SK2090
R549
10K
C627
1000P
R541
1M
11
12
13
14
15
BL
BM
BN
BO
BP
TO
P-BOARD
(5/6)
5
6
7
8
9

TH-37PV600E, TH-37PX600B
P-Board (3 of 6) Schematic Diagram

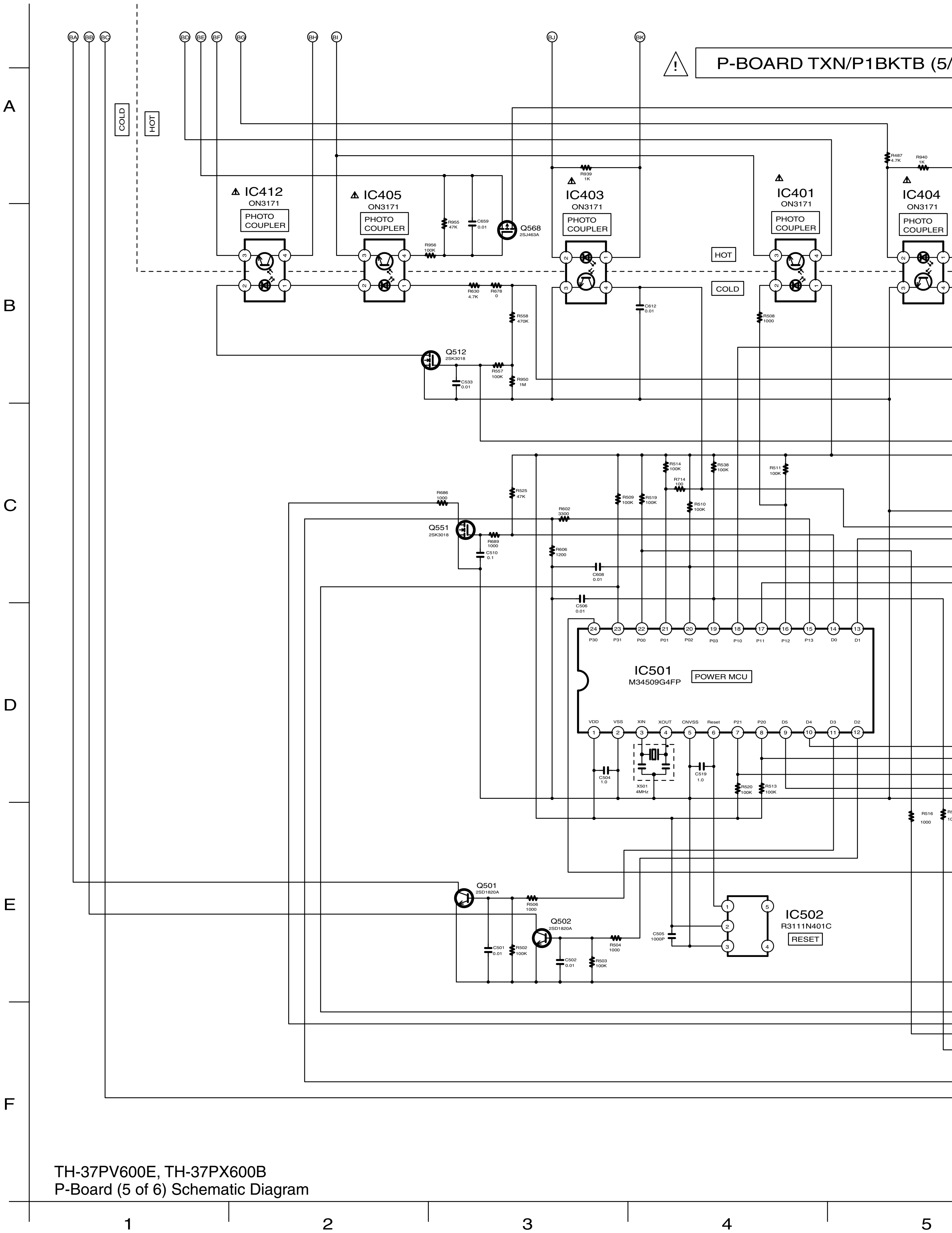
14.8. P-Board (4 of 6) Schematic Diagram (37inch)


AA
AB
AC
TO
P-BOARD
(2/6)
P-BOARD TXN/P1BKTB (4/6)
11
12
13
C616
1000P
ZH27
ZH28
Q507
2SK3568
D582
MA7056
R637
0.39
ZH23
ZH24
PR601
T 3.15A 250V
9
6
R619
0.39
ZH29
D501
S3K60
ZH39
R642
0.39
R643
0.39
R644
0.39
R634
0.39
T601
45H-5034A
5
4
R654
22
D587
MA188
R947
330
C640
0.1
R646
22K
R647
22K
R528
4.7
R945
22K
C653
1000P
Q540
RSR025P03
R608
3300
8
7
6
5
Vcc
GD
GND
ZCD
IC509
L6565N
DC-DC CONVERTER
INV
COMP
VFF
CS
1
2
3
4
R946
33K
C531
1.0
C518
0.1
R695
16K
R652
9.1K
D506
02DZ5.1
R671
10K
R601
47K
R657
1000
C632
330P
R603
33K
C634
1000P
R543
15K
Csus
14
15
CA
CB
CC
CD
CE
TO
P-BOARD
(6/6)


TO
P-BOARD
(2/6)
AD
AE
AF
AG
AH
AI
AJ
AK
AL
AM
AN
AO
AP
AQ
AR
ZH24
PR601
T 3.15A 250V
T601
45H-5034A
4
ZH25
C615
1400u/220V
ZH46
ZH47
C611
1400u/220V
ZH26
TO
SC-BOARD
(SC2)
P2
ZH112
189.0
ZH113
0
0
1 Vsus
2 NC
3 GND
TO
SC-BOARD
(SS11)
P11
ZH100
189.0
ZH101
0
0
1 Vsus
2 NC
3 GND
R620
10K
R589
12K
R590
12K
R621
12K
D514
02DZ6.2
Q505
2SK2998
R622
150K
R648
150K
R636
150K
R626
150K
R656
47K
R627
7.5K
R628
3K
D575
MA188
R526
220K
R527
220K
R534
47K
R533
16K
D585
02DZ7.5
R658
1M
Q530
2SD1819A-RTX
R550
47K
C629
0.01
Q525
2SK3018
C641
1000P
R595
2200
C619
0.1
R691
100K
Vsus
IC505
ON3171
PHOTO
COUPLER
IC506
HA17431
ERROR DET(Vsus)
IC507
ON3171
PHOTO
COUPLER
CF
CG
CH
CI
CJ
CK
TO
P-BOARD
(6/6)
14
15
16
17
18

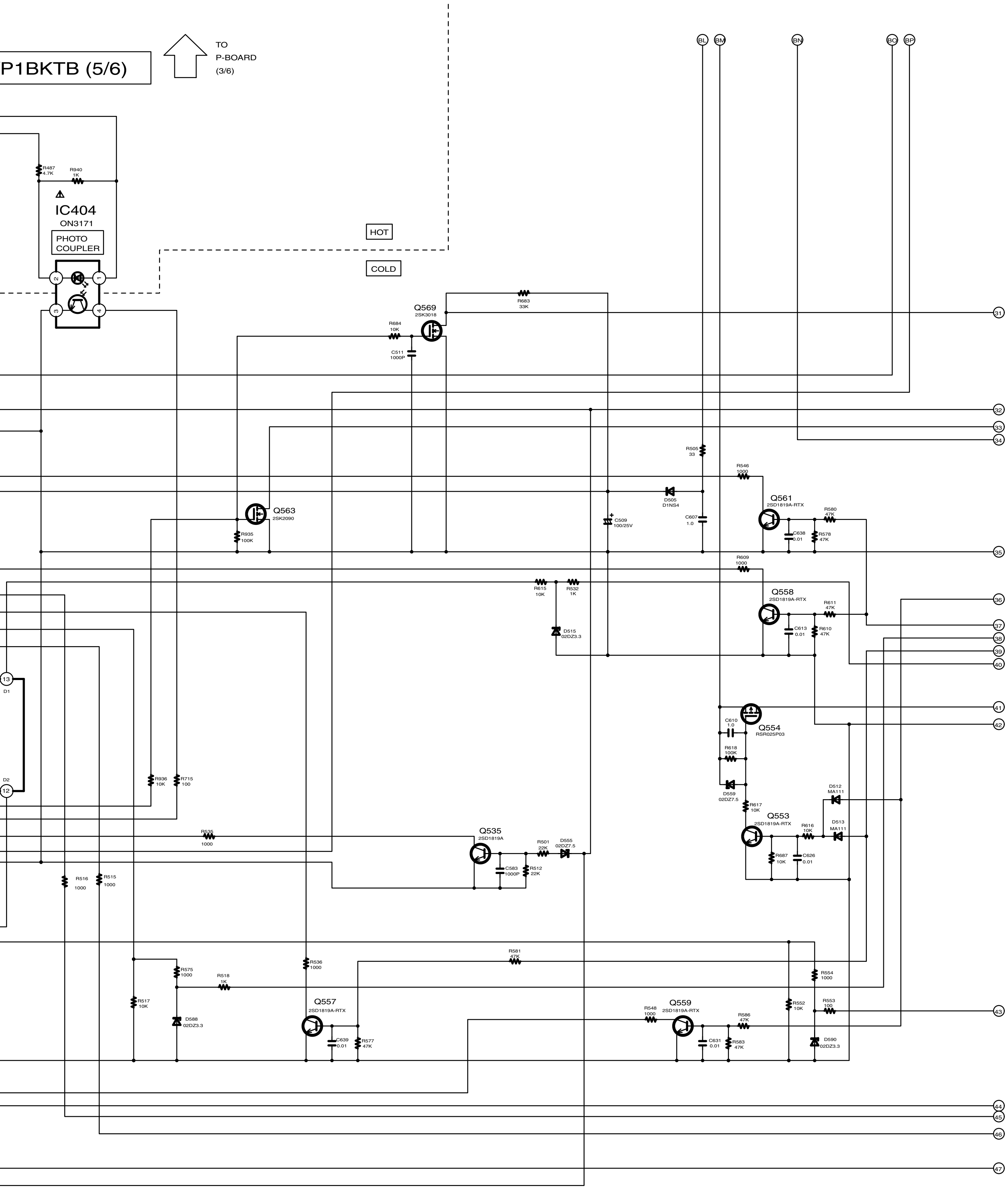
TH-37PV600E, TH-37PX600B
P-Board (4 of 6) Schematic Diagram

14.9. P-Board (5 of 6) Schematic Diagram (37inch)



A
B
C
D
E
F
1
2
3
4
5
BA
BB
BC
BD
BE
BF
BG
BH
BI
BJ
BK
P-BOARD TXN/P1BKTB (5/
COLD
HOT
HOT
COLD
IC412
ON3171
PHOTO COUPLER
IC405
ON3171
PHOTO COUPLER
IC403
ON3171
PHOTO COUPLER
IC401
ON3171
PHOTO COUPLER
IC404
ON3171
PHOTO COUPLER
Q568
2SJ463A
Q512
2SK3018
Q551
2SK3018
Q501
2SD1820A
Q502
2SD1820A
IC501
M34509G4FP
POWER MCU
IC502
R3111N401C
RESET
X501
4MHz
R955 47K
C659 0.01
R956 100K
R939 1K
R487 4.7K
R940 1K
R630 4.7K
R678 0
R558 470K
C612 0.01
R508 1000
R557 100K
C533 0.01
R950 1M
R686 1000
R525 47K
R514 100K
R714 100
R538 100K
R511 100K
R509 100K
R519 100K
R510 100K
R602 3300
R689 1000
C510 0.1
R606 1200
C608 0.01
C506 0.01
C504 1.0
C519 1.0
R520 100K
R513 100K
R516 1000
R506 1000
C501 0.01
R502 100K
C502 0.01
R504 1000
R503 100K
C505 1000P
P30
P31
P00
P01
P02
P03
P10
P11
P12
P13
D0
D1
VDD
VSS
XIN
XOUT
CNVSS
Reset
P21
P20
D5
D4
D3
D2

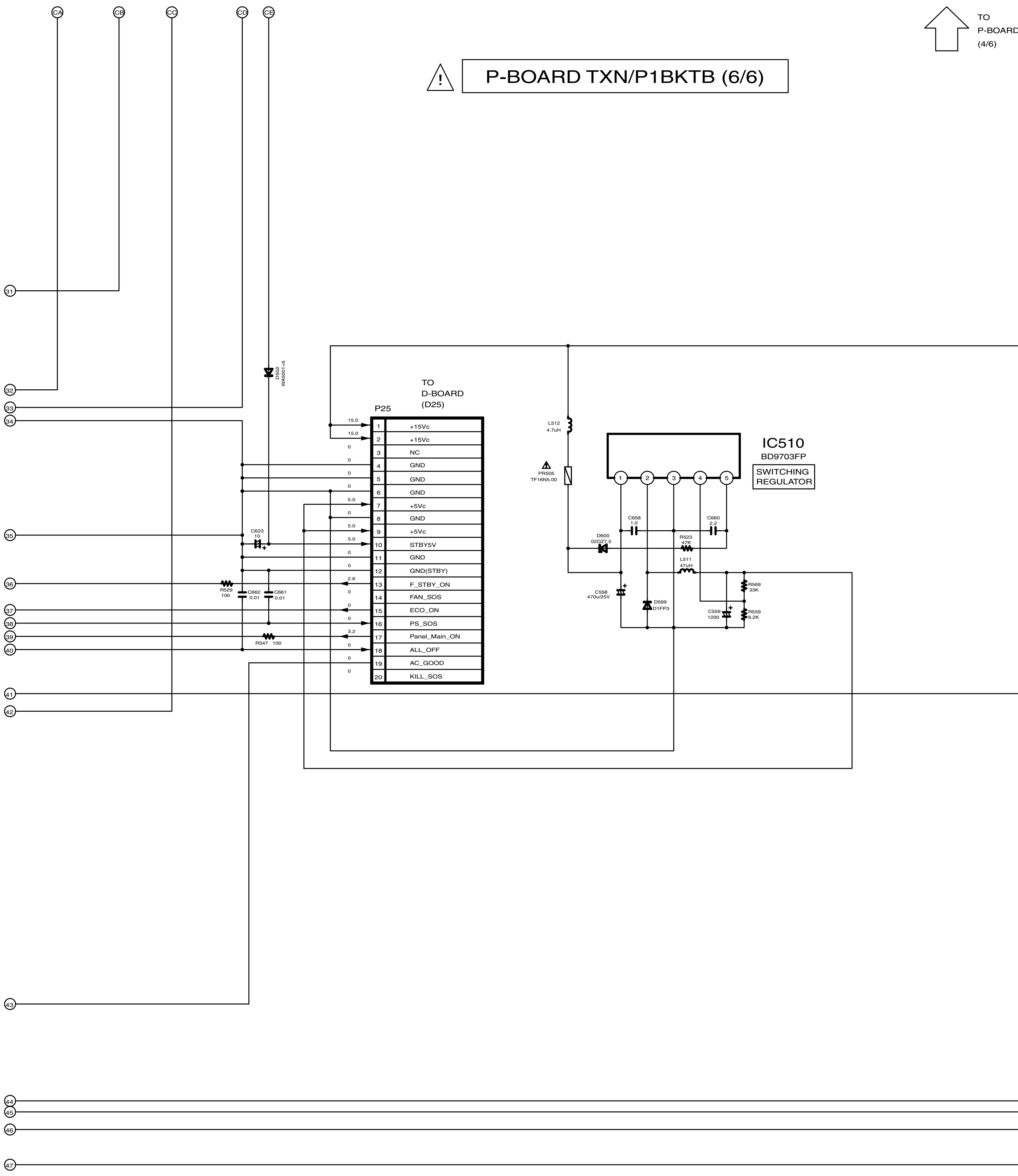
TH-37PV600E, TH-37PX600B
P-Board (5 of 6) Schematic Diagram


P1BKTB (5/6)
TO
P-BOARD
(3/6)
BL
BM
BN
BO
BP
R487
4.7K
R940
1K
IC404
ON3171
PHOTO
COUPLER
HOT
COLD
Q569
2SK3018
R683
33K
R684
10K
C511
1000P
R505
33
R546
1000
Q561
2SD1819A-RTX
R580
47K
C638
0.01
R578
47K
D505
D1NS4
C607
1.0
C509
100/25V
Q563
2SK2090
R935
100K
R609
1000
R615
10K
R532
1K
Q558
2SD1819A-RTX
R611
47K
C613
0.01
R610
47K
D515
02DZ3.3
Q554
RSR025P03
C610
1.0
R618
100K
D559
02DZ7.5
R617
10K
D512
MA111
Q553
2SD1819A-RTX
R616
10K
D513
MA111
R687
10K
C626
0.01
D1
D2
R936
10K
R715
100
R535
1000
Q535
2SD1819A
R501
22K
D555
02DZ7.5
C583
1000P
R512
22K
R516
1000
R515
1000
R581
47K
R575
1000
R518
1K
R536
1000
R517
10K
D588
02DZ3.3
Q557
2SD1819A-RTX
C639
0.01
R577
47K
R548
1000
Q559
2SD1819A-RTX
R586
47K
C631
0.01
R583
47K
R554
1000
R552
10K
R553
100
D590
02DZ3.3
13
12
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47

TH-37PV600E, TH-37PX600B
P-Board (5 of 6) Schematic Diagram

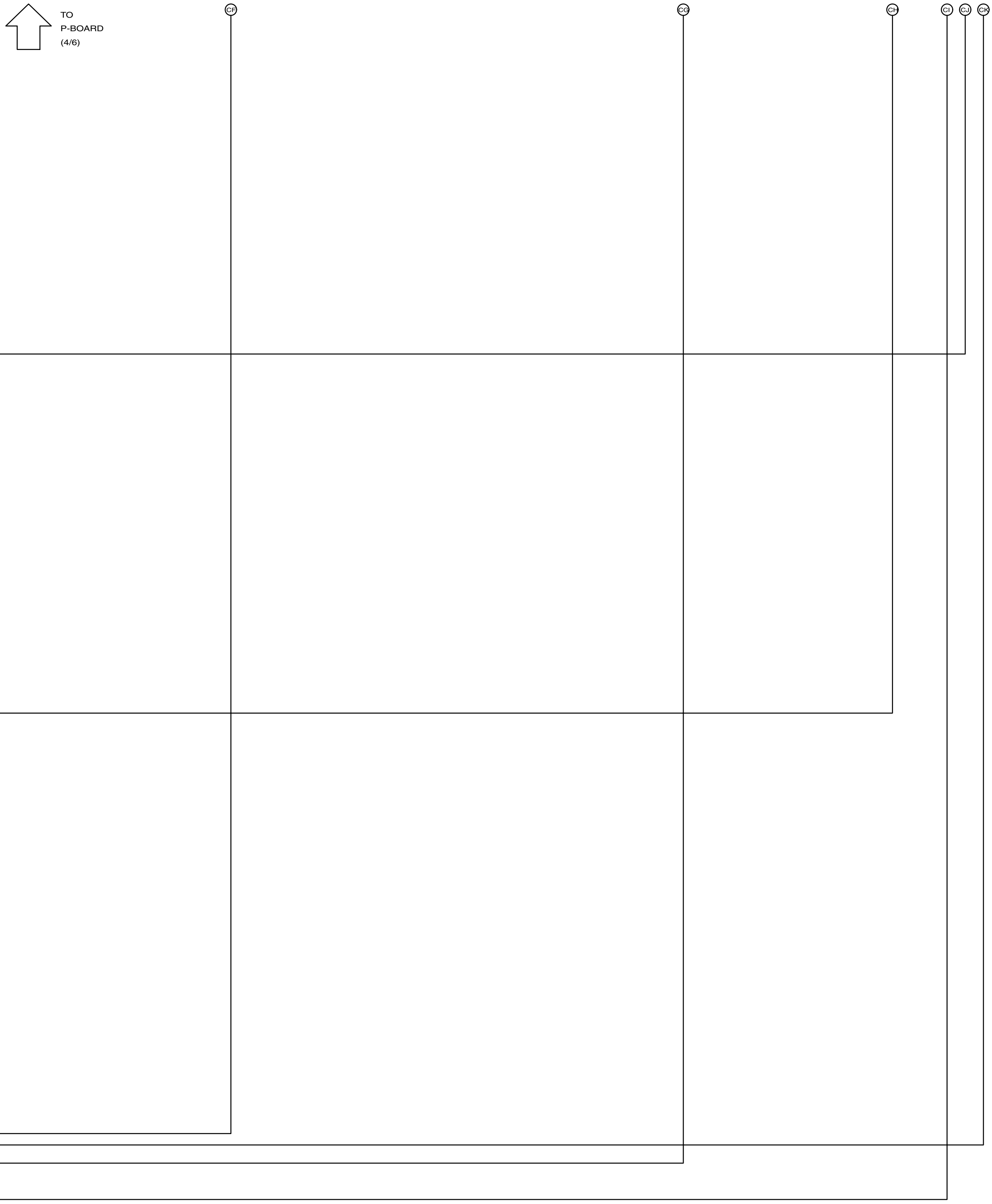
5 6 7 8 9

14.10. P-Board (6 of 6) Schematic Diagram (37inch)


CA
CB
CC
CD
CE
TO
P-BOARD
(4/6)
P-BOARD TXN/P1BKTB (6/6)
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
D502
WA5001=5
TO
D-BOARD
(D25)
P25
15.0
15.0
0
0
0
0
5.0
0
5.0
5.0
0
0
2.6
0
0
0
3.2
0
0
0
1 +15Vc
2 +15Vc
3 NC
4 GND
5 GND
6 GND
7 +5Vc
8 GND
9 +5Vc
10 STBY5V
11 GND
12 GND(STBY)
13 F_STBY_ON
14 FAN_SOS
15 ECO_ON
16 PS_SOS
17 Panel_Main_ON
18 ALL_OFF
19 AC_GOOD
20 KILL_SOS
C623
10
R529
100
C662
0.01
C661
0.01
R547 100
L512
4.7uH
PR505
TF16N5.00
IC510
BD9703FP
SWITCHING
REGULATOR
1
2
3
4
5
C658
1.0
C660
2.2
D600
02DZ7.5
R523
47K
L511
47uH
C558
470u/25V
D599
D1FP3
R569
33K
C559
1200
R559
8.2K

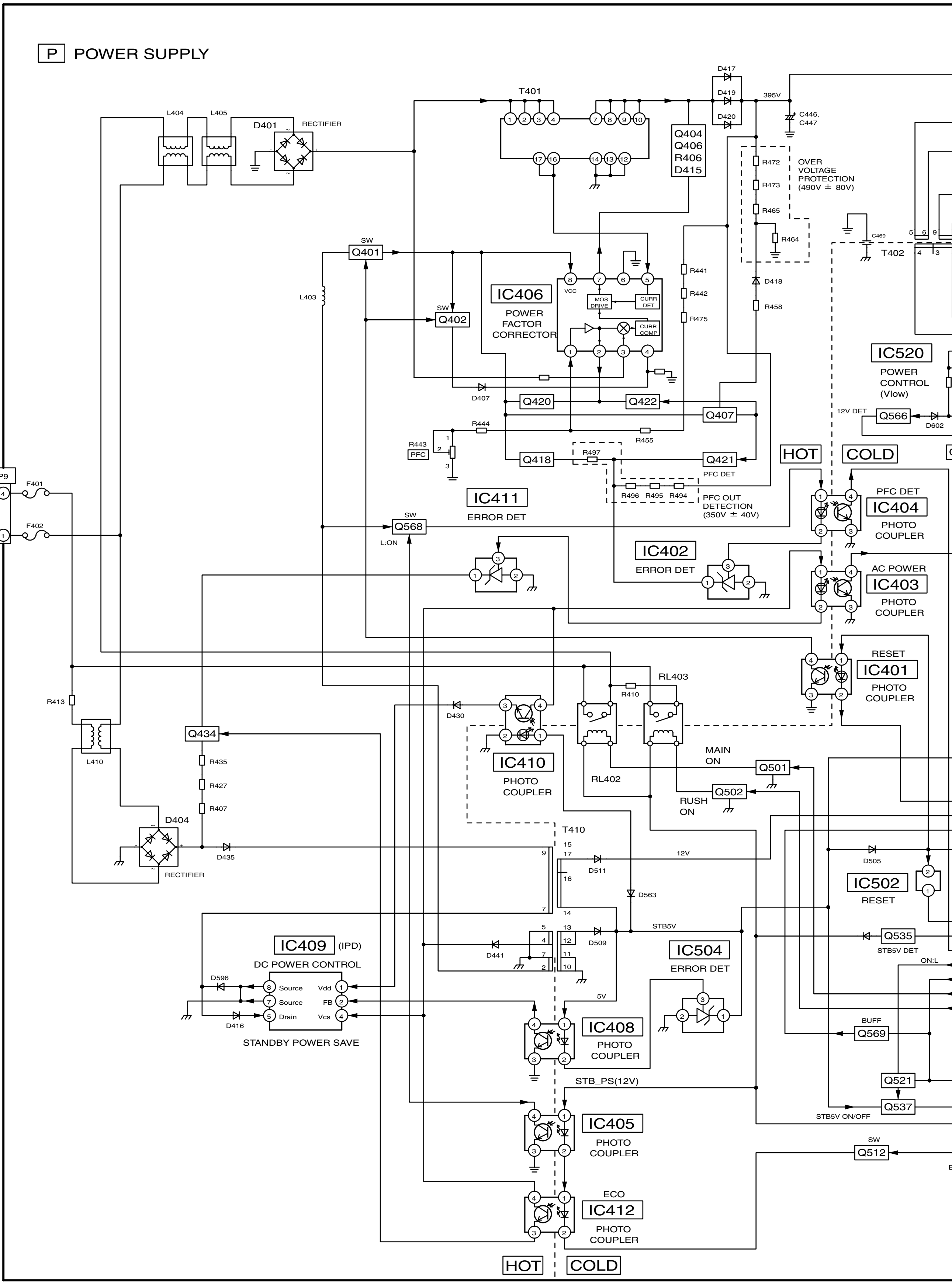
TH-37PV600E, TH-37PX600B
P-Board (6 of 6) Schematic Diagram

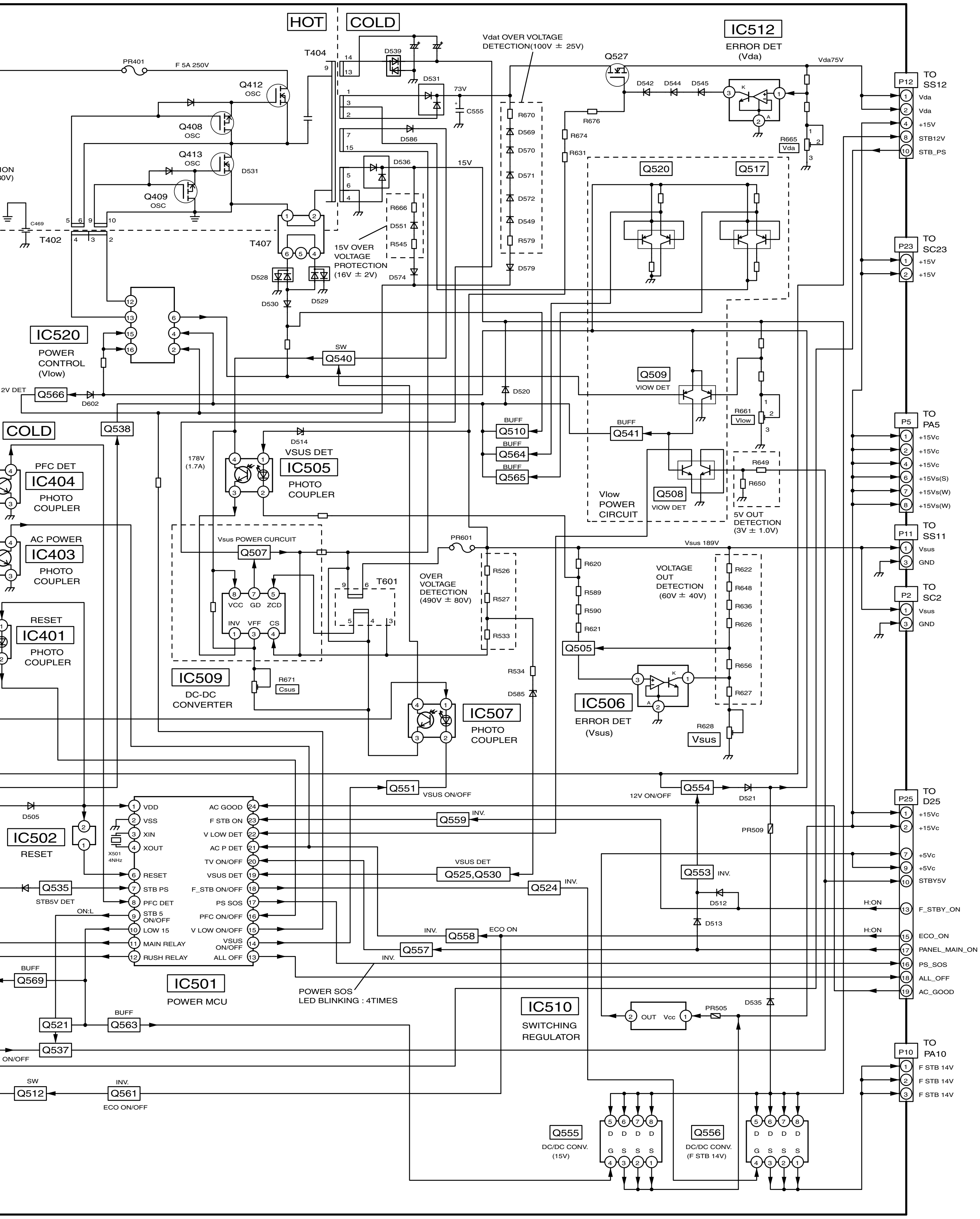
10 11 12 13 14


TO
P-BOARD
(4/6)
CF
CG
CH
CI
CJ
CK

TH-37PV600E, TH-37PX600B
P-Board (6 of 6) Schematic Diagram

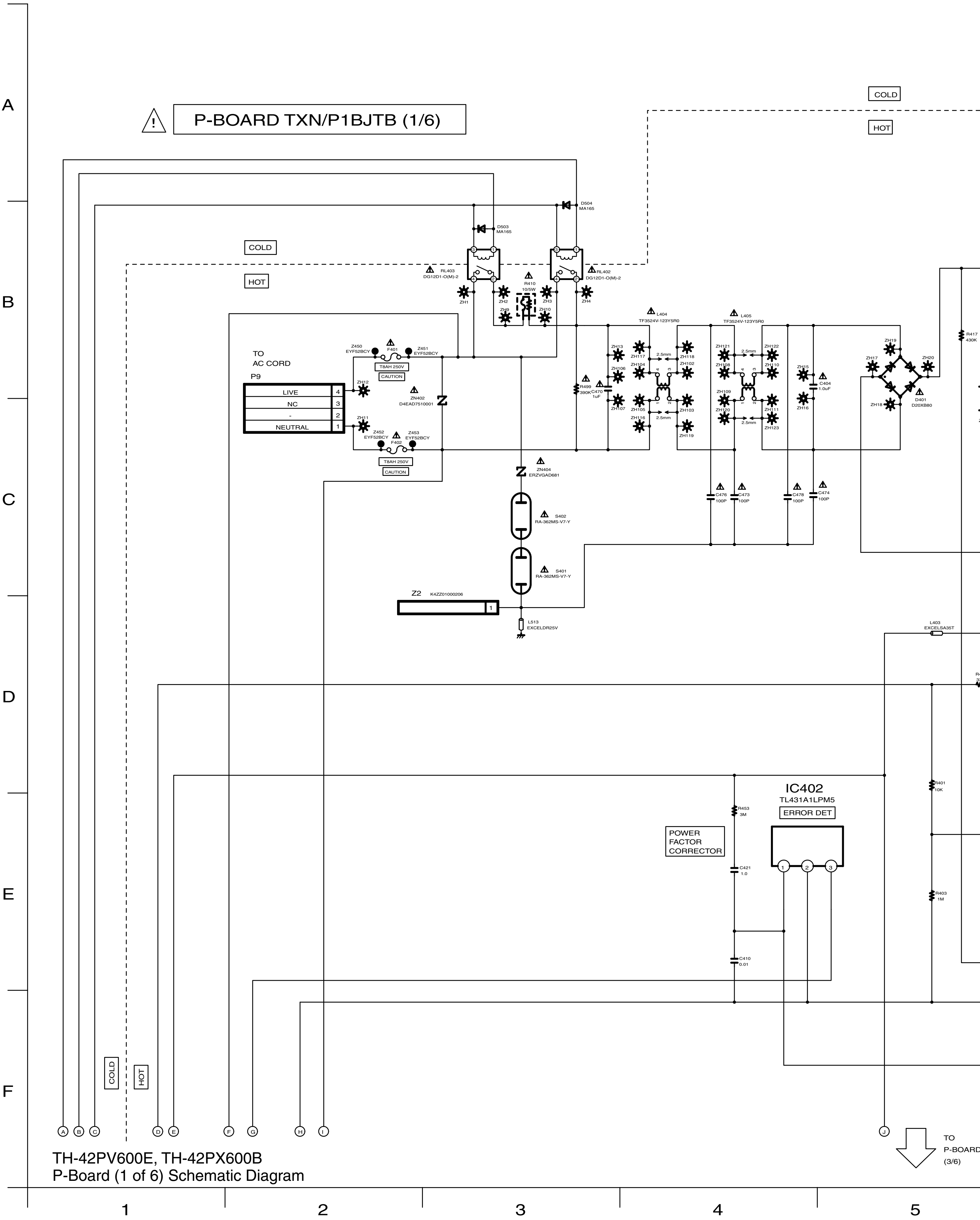
14.11. P-Board Block Diagram (42inch)


P POWER SUPPLY
TO AC CORD
P9
LIVE
NEUTRAL
F401
F402
L404
L405
D401
RECTIFIER
T401
D417
D419
D420
395V
C446, C447
Q404
Q406
R406
D415
R472
R473
R465
R464
OVER VOLTAGE PROTECTION (490V ± 80V)
C469
T402
SW
Q401
L403
SW
Q402
IC406
POWER FACTOR CORRECTOR
VCC
MOS DRIVE
CURR DET
CURR COMP
R441
R442
R475
D418
R458
IC520
POWER CONTROL (Vlow)
12V DET
Q566
D602
D407
Q420
Q422
Q407
R444
R455
R443
PFC
Q418
R497
Q421
PFC DET
HOT
COLD
R496
R495
R494
PFC OUT DETECTION (350V ± 40V)
IC411
ERROR DET
SW
Q568
L:ON
IC402
ERROR DET
PFC DET
IC404
PHOTO COUPLER
AC POWER
IC403
PHOTO COUPLER
RESET
IC401
PHOTO COUPLER
R413
L410
Q434
R435
R427
R407
D404
RECTIFIER
D435
D430
R410
RL403
IC410
PHOTO COUPLER
RL402
MAIN ON
Q501
RUSH ON
Q502
T410
D511
12V
D563
D505
IC502
RESET
D509
STB5V
D441
Q535
STB5V DET
ON:L
IC409 (IPD)
DC POWER CONTROL
D596
Source
Source
Drain
Vdd
FB
Vcs
D416
STANDBY POWER SAVE
IC504
ERROR DET
5V
IC408
PHOTO COUPLER
BUFF
Q569
STB_PS(12V)
Q521
Q537
STB5V ON/OFF
IC405
PHOTO COUPLER
SW
Q512
ECO
IC412
PHOTO COUPLER
HOT
COLD

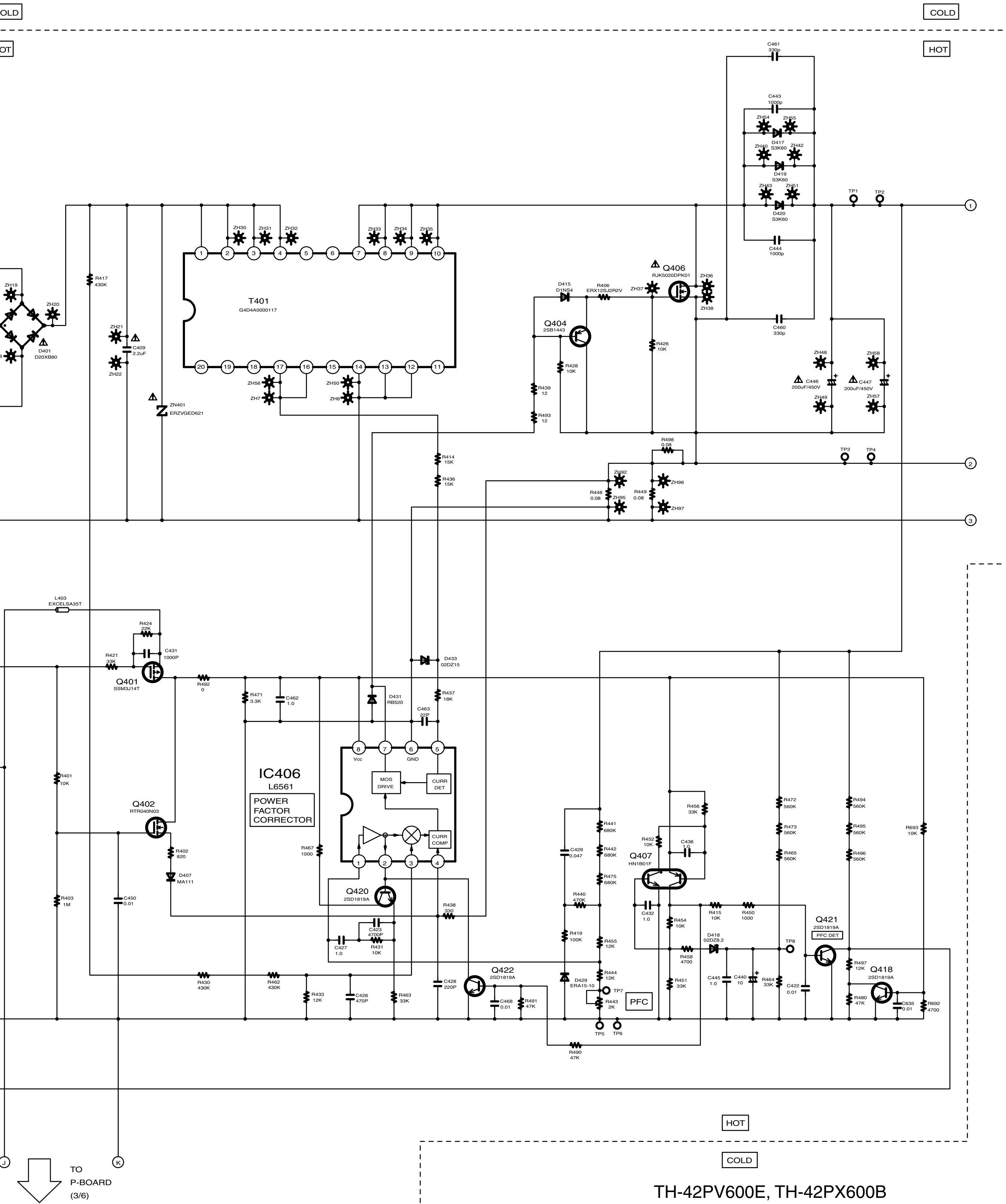

HOT
COLD
T404
PR401
F 5A 250V
Q412
OSC
Q408
OSC
Q413
OSC
Q409
OSC
D531
C469
T402
T407
D528
D530
D529
D539
D531
73V
C555
D586
D536
15V
R666
D551
R545
D574
15V OVER
VOLTAGE
PROTECTION
(16V ± 2V)
Vdat OVER VOLTAGE
DETECTION(100V ± 25V)
R670
D569
D570
D571
D572
D549
R579
D579
Q527
R676
R674
R631
D542
D544
D545
IC512
ERROR DET
(Vda)
Vda75V
R665
Vda
Q520
Q517
P12
TO
SS12
Vda
Vda
+15V
STB12V
STB_PS
P23
TO
SC23
+15V
+15V
IC520
POWER
CONTROL
(Vlow)
SW
Q540
Q566
D602
COLD
Q538
2V DET
D520
Q509
VIOW DET
R661
Vlow
BUFF
Q510
BUFF
Q564
BUFF
Q565
BUFF
Q541
Q508
VIOW DET
Vlow
POWER
CIRCUIT
R649
R650
5V OUT
DETECTION
(3V ± 1.0V)
P5
TO
PA5
+15Vc
+15Vc
+15Vc
+15Vs(S)
+15Vs(W)
+15Vs(W)
PFC DET
IC404
PHOTO
COUPLER
AC POWER
IC403
PHOTO
COUPLER
RESET
IC401
PHOTO
COUPLER
D514
VSUS DET
IC505
PHOTO
COUPLER
178V
(1.7A)
Vsus POWER CURCUIT
Q507
VCC
GD
ZCD
INV
VFF
CS
IC509
DC-DC
CONVERTER
R671
Csus
PR601
T601
OVER
VOLTAGE
DETECTION
(490V ± 80V)
R526
R527
R533
R534
D585
IC507
PHOTO
COUPLER
Vsus 189V
R620
R589
R590
R621
Q505
VOLTAGE
OUT
DETECTION
(60V ± 40V)
R622
R648
R636
R626
R656
R627
IC506
ERROR DET
(Vsus)
R628
Vsus
P11
TO
SS11
Vsus
GND
P2
TO
SC2
Vsus
GND
Q551
VSUS ON/OFF
12V ON/OFF
Q554
D521
PR509
P25
TO
D25
+15Vc
+15Vc
+5Vc
+5Vc
STBY5V
F_STBY_ON
ECO_ON
PANEL_MAIN_ON
PS_SOS
ALL_OFF
AC_GOOD
H:ON
H:ON
D505
IC502
RESET
X501
4NHz
VDD
VSS
XIN
XOUT
RESET
STB PS
PFC DET
STB 5
ON/OFF
LOW 15
MAIN RELAY
RUSH RELAY
AC GOOD
F STB ON
V LOW DET
AC P DET
TV ON/OFF
VSUS DET
F_STB ON/OFF
PS SOS
PFC ON/OFF
V LOW ON/OFF
VSUS
ON/OFF
ALL OFF
IC501
POWER MCU
Q535
STB5V DET
ON:L
INV.
Q559
VSUS DET
Q525,Q530
Q524
INV.
Q553
INV.
D512
D513
INV.
Q558
ECO ON
Q557
INV.
POWER SOS
LED BLINKING : 4TIMES
BUFF
Q569
Q521
BUFF
Q563
Q537
ON/OFF
SW
Q512
INV.
Q561
ECO ON/OFF
IC510
SWITCHING
REGULATOR
OUT
Vcc
PR505
D535
P10
TO
PA10
F STB 14V
F STB 14V
F STB 14V
Q555
DC/DC CONV.
(15V)
Q556
DC/DC CONV.
(F STB 14V)
D
G
S

TH-42PV600E, TH-42PX600B
P-Board Block Diagram

14.12. P-Board (1 of 6) Schematic Diagram (42inch)

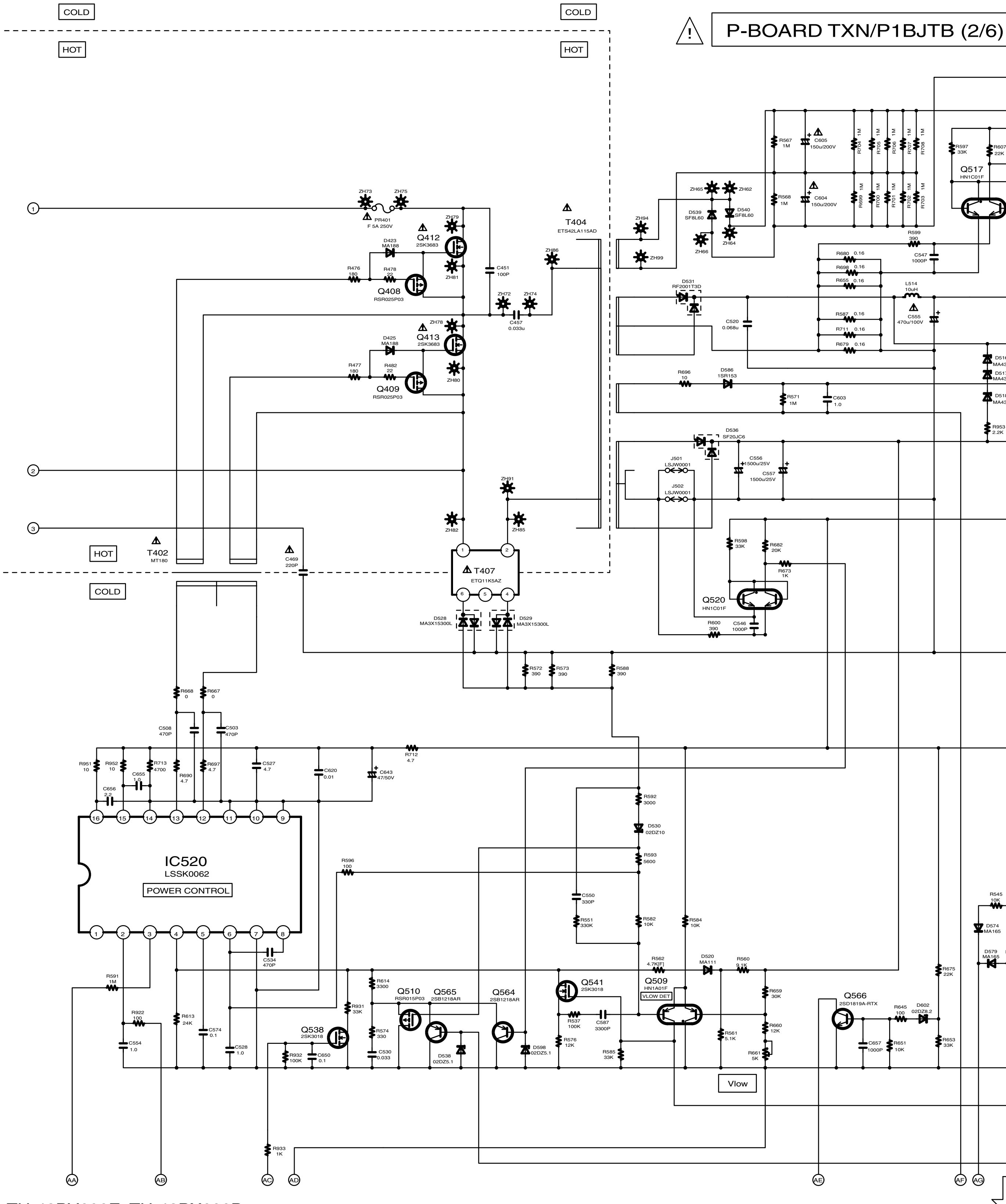

A
B
C
D
E
F
1
2
3
4
5
⚠
P-BOARD TXN/P1BJTB (1/6)
COLD
HOT
COLD
HOT
D504
MA165
D503
MA165
RL403
DG12D1-O(M)-2
RL402
DG12D1-O(M)-2
R410
10/5W
ZH1
ZH2
ZH3
ZH4
ZH9
ZH10
TO
AC CORD
P9
LIVE
NC
-
NEUTRAL
4
3
2
1
Z450
EYF52BCY
F401
Z451
EYF52BCY
T8AH 250V
CAUTION
ZH12
ZH11
ZN402
D4EAD7510001
Z452
EYF52BCY
F402
Z453
EYF52BCY
T8AH 250V
CAUTION
ZN404
ERZVGAD681
S402
RA-362MS-V7-Y
S401
RA-362MS-V7-Y
Z2
K4ZZ01000206
L513
EXCELDR25V
R499
390K
C470
1uF
L404
TF3524V-123Y5R0
L405
TF3524V-123Y5R0
ZH13
ZH106
ZH107
ZH117
ZH104
ZH105
ZH116
ZH118
ZH102
ZH103
ZH119
2.5mm
2.5mm
ZH121
ZH108
ZH109
ZH120
ZH122
ZH110
ZH111
ZH123
2.5mm
2.5mm
ZH15
ZH16
C404
1.0uF
C476
100P
C473
100P
C478
100P
C474
100P
ZH19
ZH17
ZH20
ZH18
D401
D20XB80
R417
430K
L403
EXCELSA35T
R401
10K
R403
1M
IC402
TL431A1LPM5
ERROR DET
POWER
FACTOR
CORRECTOR
R453
3M
C421
1.0
C410
0.01
A
B
C
D
E
F
G
H
I
J
TO
P-BOARD
(3/6)

TH-42PV600E, TH-42PX600B
P-Board (1 of 6) Schematic Diagram


OLD
OT
COLD
HOT
C461 330p
C443 1000p
ZH54
ZH55
D417 S3K60
ZH40
ZH42
D419 S3K60
ZH43
ZH51
D420 S3K60
C444 1000p
TP1
TP2
1
T401
G4D4A0000117
ZH30
ZH31
ZH32
ZH33
ZH34
ZH35
ZH56
ZH7
ZH50
ZH8
ZH19
ZH20
D401 D20XB80
ZH21
ZH22
C409 2.2uF
R417 430K
ZN401 ERZVGED621
Q406 RJK5020DPK01
ZH36
ZH37
ZH38
D415 D1NS4
R406 ERX12SJ2R2V
Q404 2SB1443
R426 10K
R428 10K
R439 12
R493 12
C460 330p
ZH48
ZH49
ZH58
ZH57
C446 200uF/450V
C447 200uF/450V
R498 0.08
TP3
TP4
2
ZH92
ZH95
ZH96
ZH97
R448 0.08
R449 0.08
3
R414 15K
R436 15K
L403 EXCELSA35T
R424 22K
R421 33K
C431 1000P
Q401 SSM3J14T
R492 0
D433 02DZ15
R471 3.3K
C462 1.0
D431 RB520
R437 18K
C463 22P
IC406
L6561
POWER FACTOR CORRECTOR
Vcc
GND
MOS DRIVE
CURR DET
CURR COMP
R467 1000
R401 10K
Q402 RTR040N03
R402 820
D407 MA111
R403 1M
C450 0.01
Q420 2SD1819A
R438 330
C423 4700P
C427 1.0
R431 10K
R430 430K
R462 430K
R433 12K
C426 470P
R463 33K
C428 220P
Q422 2SD1819A
C468 0.01
R491 47K
R441 680K
R442 680K
R475 680K
C429 0.047
R440 470K
R419 100K
R455 12K
R444 12K
D429 ERA15-10
TP7
R443 2K
PFC
TP5
TP6
R490 47K
R456 33K
R452 10K
C436 1.0
Q407 HN1B01F
C432 1.0
R454 10K
R458 4700
R451 33K
R415 10K
R450 1000
D418 02DZ8.2
TP8
C445 1.0
C440 10
R464 33K
C422 0.01
R472 560K
R473 560K
R465 560K
R494 560K
R495 560K
R496 560K
Q421 2SD1819A
PFC DET
R497 12K
Q418 2SD1819A
R480 47K
C635 0.01
R692 4700
R693 10K
J
K
TO P-BOARD (3/6)
5
6
7
8
9

TH-42PV600E, TH-42PX600B
P-Board (1 of 6) Schematic Diagram

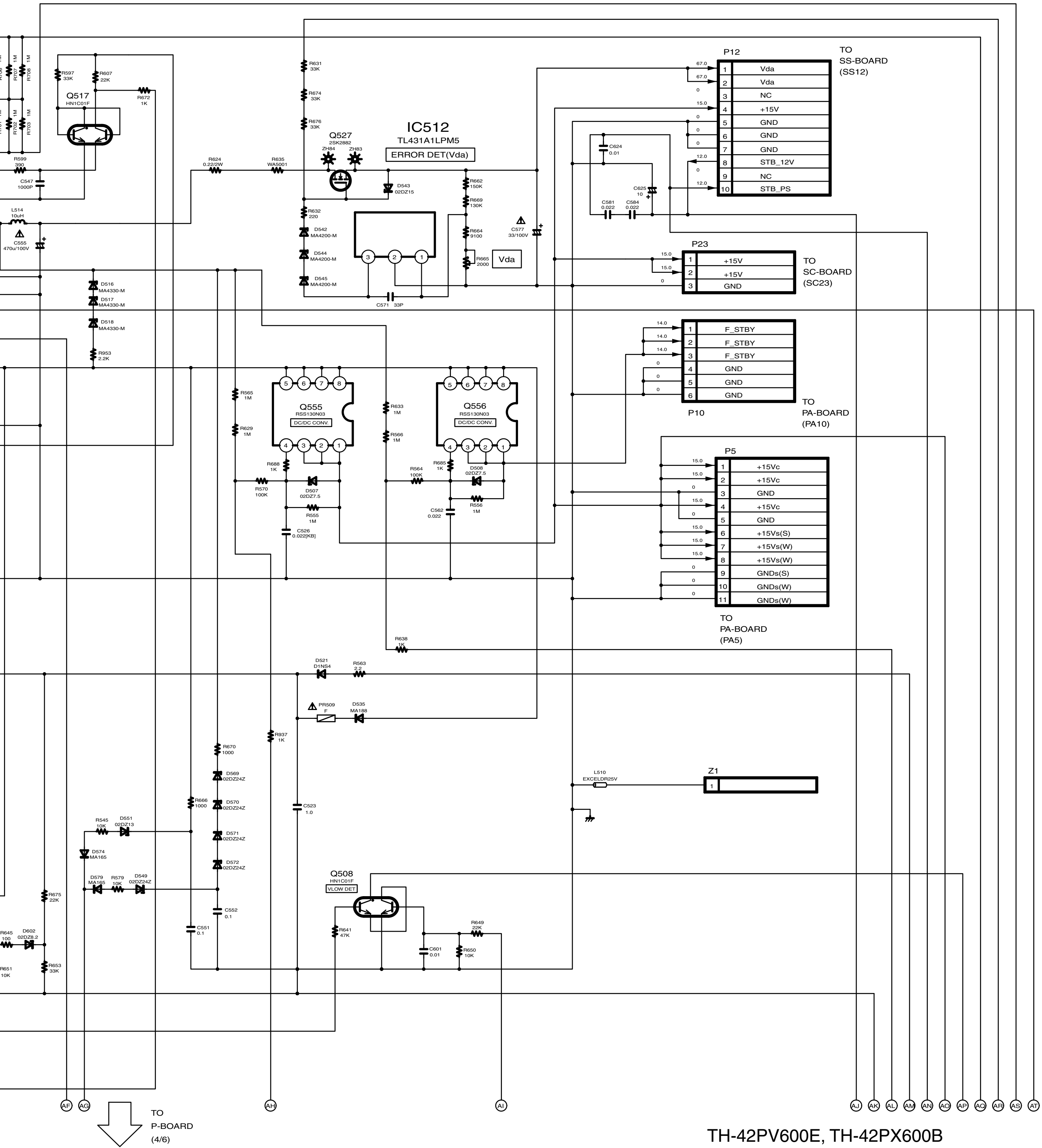
14.13. P-Board (2 of 6) Schematic Diagram (42inch)


COLD
HOT
P-BOARD TXN/P1BJTB (2/6)
PR401 F 5A 250V
Q412 2SK3683
Q408 RSR025P03
Q413 2SK3683
Q409 RSR025P03
D423 MA188
D425 MA188
R476 180
R478 22
R477 180
R482 22
C451 100P
C457 0.033u
T404 ETS42LA115AD
T402 MT180
C469 220P
T407 ETQ11K5AZ
D528 MA3X15300L
D529 MA3X15300L
R572 390
R573 390
R588 390
R668 0
R667 0
C508 470P
C503 470P
R951 10
R952 10
R713 4700
R690 4.7
R697 4.7
C655 1.0
C656 2.2
C527 4.7
C620 0.01
C643 47/50V
R712 4.7
IC520
LSSK0062
POWER CONTROL
R596 100
C534 470P
R591 1M
R922 100
C554 1.0
R613 24K
C574 0.1
C528 1.0
R614 3300
R931 33K
R574 330
C530 0.033
Q538 2SK3018
R932 100K
C650 0.1
R933 1K
Q510 RSR015P03
Q565 2SB1218AR
Q564 2SB1218AR
D538 02DZ5.1
D598 02DZ5.1
R592 3000
D530 02DZ10
R593 5600
C550 330P
R551 330K
R582 10K
R584 10K
Q541 2SK3018
R537 100K
C587 3300P
R576 12K
R585 33K
Q509 HN1A01F
VLOW DET
R562 4.7K[F]
D520 MA111
R560 9.1K
R561 5.1K
R659 30K
R660 12K
R661 5K
Vlow
Q566 2SD1819A-RTX
R645 100
D602 02DZ8.2
C657 1000P
R651 10K
R653 33K
R675 22K
D574 MA165
D579 MA165
R545 10K
R567 1M
C605 150u/200V
R568 1M
C604 150u/200V
R704 1M
R705 1M
R706 1M
R707 1M
R708 1M
R699 1M
R700 1M
R701 1M
R702 1M
R703 1M
R597 33K
R607 22K
Q517 HN1C01F
R599 390
C547 1000P
D539 SF8L60
D540 SF8L60
D531 RF2001T3D
C520 0.068u
R680 0.16
R698 0.16
R655 0.16
R587 0.16
R711 0.16
R679 0.16
L514 10uH
C555 470u/100V
R696 10
D586 1SR153
R571 1M
C603 1.0
R953 2.2K
D536 SF20JC6
J501 LSJW0001
J502 LSJW0001
C556 1500u/25V
C557 1500u/25V
R598 33K
R682 20K
R673 1K
Q520 HN1C01F
R600 390
C546 1000P
ZH62
ZH64
ZH65
ZH66
ZH72
ZH73
ZH74
ZH75
ZH78
ZH79
ZH80
ZH81
ZH82
ZH85
ZH86
ZH91
ZH94
ZH99
1
2
3
AA
AB
AC
AD
AE
AF
AG

TH-42PV600E, TH-42PX600B
P-Board (2 of 6) Schematic Diagram

10 11 12 13 14

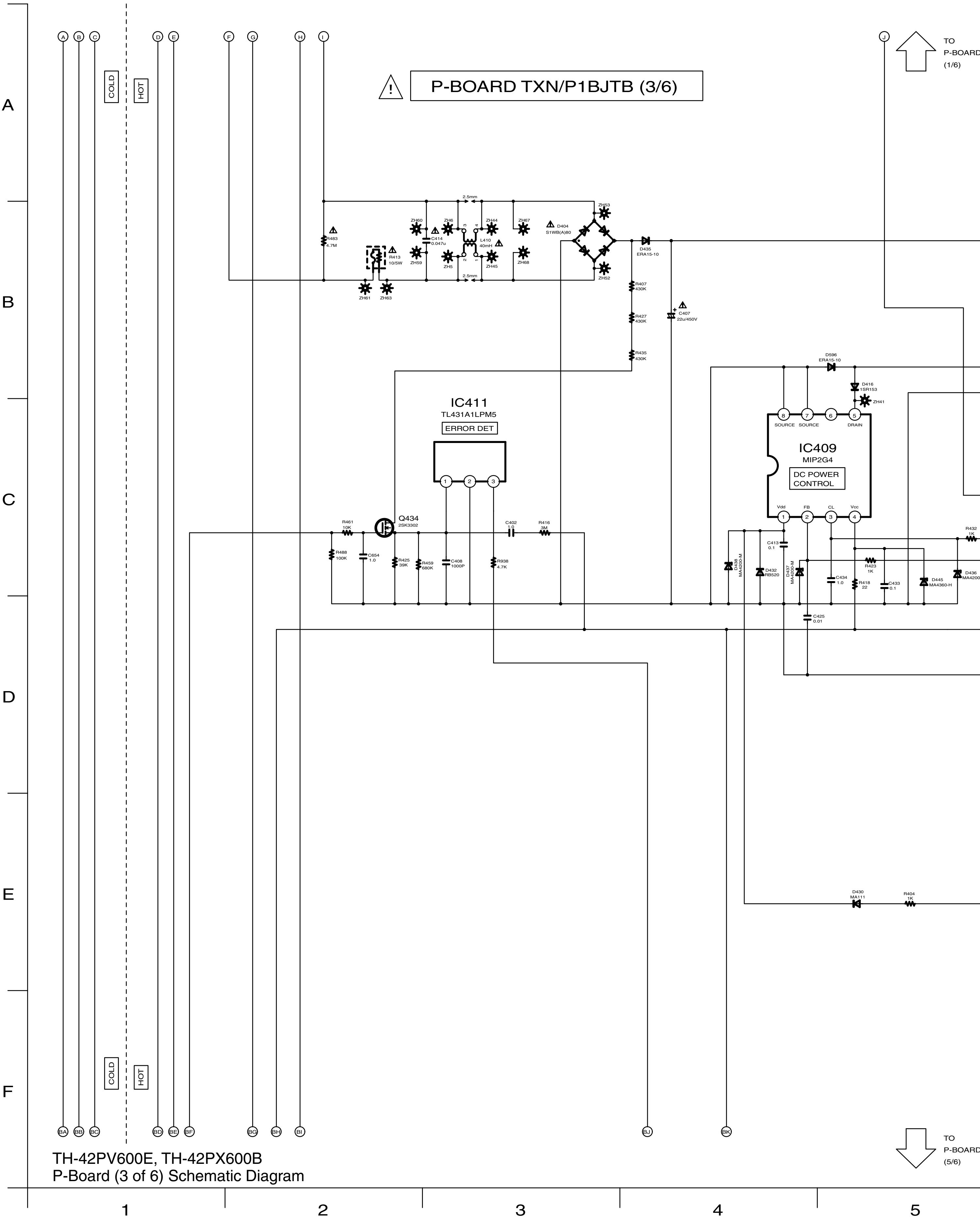
1BJTB (2/6)


Q517
HN1C01F
R597 33K
R607 22K
R672 1K
R707 1M
R708 1M
R702 1M
R703 1M
R599 390
C547 1000P
L514 10uH
C555 470u/100V
D516 MA4330-M
D517 MA4330-M
D518 MA4330-M
R953 2.2K
R631 33K
R674 33K
R676 33K
Q527
2SK2882
ZH84
ZH83
R624 0.22/2W
R635 WA5001
IC512
TL431A1LPM5
ERROR DET(Vda)
D543 02DZ15
R662 150K
R669 130K
R664 9100
R665 2000
Vda
C577 33/100V
R632 220
D542 MA4200-M
D544 MA4200-M
D545 MA4200-M
C571 33P
C624 0.01
C625 10
C581 0.022
C584 0.022
P12
TO SS-BOARD (SS12)
1 Vda 67.0
2 Vda 67.0
3 NC 0
4 +15V 15.0
5 GND 0
6 GND 0
7 GND 0
8 STB_12V 12.0
9 NC 0
10 STB_PS 12.0
P23
TO SC-BOARD (SC23)
1 +15V 15.0
2 +15V 15.0
3 GND 0
P10
TO PA-BOARD (PA10)
1 F_STBY 14.0
2 F_STBY 14.0
3 F_STBY 14.0
4 GND 0
5 GND 0
6 GND 0
Q555
RSS130N03
DC/DC CONV.
Q556
RSS130N03
DC/DC CONV.
R565 1M
R629 1M
R633 1M
R566 1M
R688 1K
R570 100K
D507 02DZ7.5
R555 1M
C526 0.022[KB]
R564 100K
R685 1K
D508 02DZ7.5
C562 0.022
R556 1M
P5
TO PA-BOARD (PA5)
1 +15Vc 15.0
2 +15Vc 15.0
3 GND 0
4 +15Vc 15.0
5 GND 0
6 +15Vs(S) 15.0
7 +15Vs(W) 15.0
8 +15Vs(W) 15.0
9 GNDs(S) 0
10 GNDs(W) 0
11 GNDs(W) 0
R638 1K
D521 D1NS4
R563 2.2
PR509 F
D535 MA188
R937 1K
R670 1000
D569 02DZ24Z
D570 02DZ24Z
D571 02DZ24Z
D572 02DZ24Z
R666 1000
C523 1.0
L510 EXCELDR25V
Z1
R545 10K
D551 02DZ13
D574 MA165
D579 MA165
R579 10K
D549 02DZ24Z
Q508
HN1C01F
VLOW DET
C552 0.1
C551 0.1
R675 22K
R645 100
D602 02DZ8.2
R651 10K
R653 33K
R641 47K
C601 0.01
R649 22K
R650 10K
AF
AG
AH
AI
AJ
AK
AL
AM
AN
AO
AP
AQ
AR
AS
AT
TO P-BOARD (4/6)

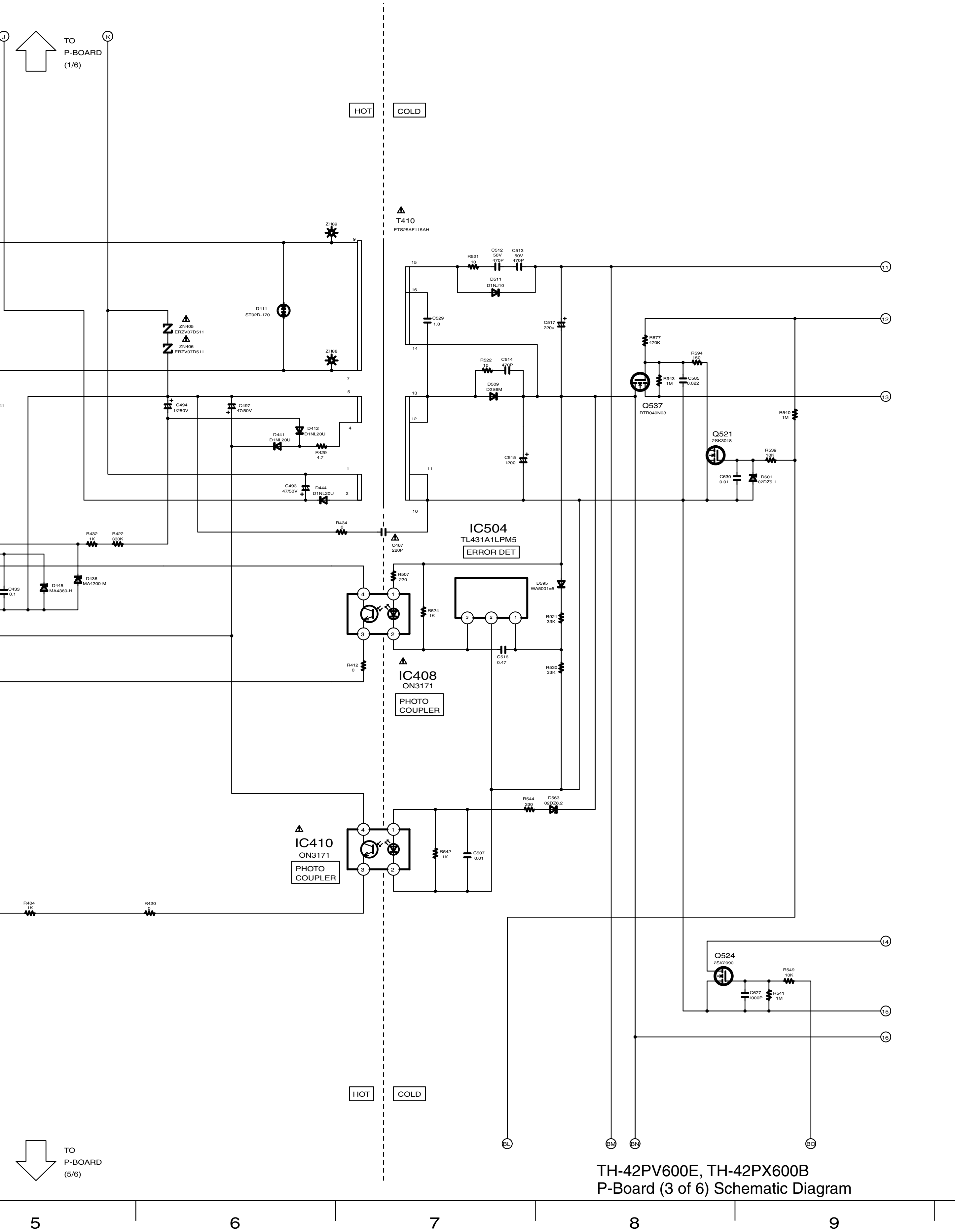
TH-42PV600E, TH-42PX600B
P-Board (2 of 6) Schematic Diagram

14 15 16 17 18

14.14. P-Board (3 of 6) Schematic Diagram (42inch)

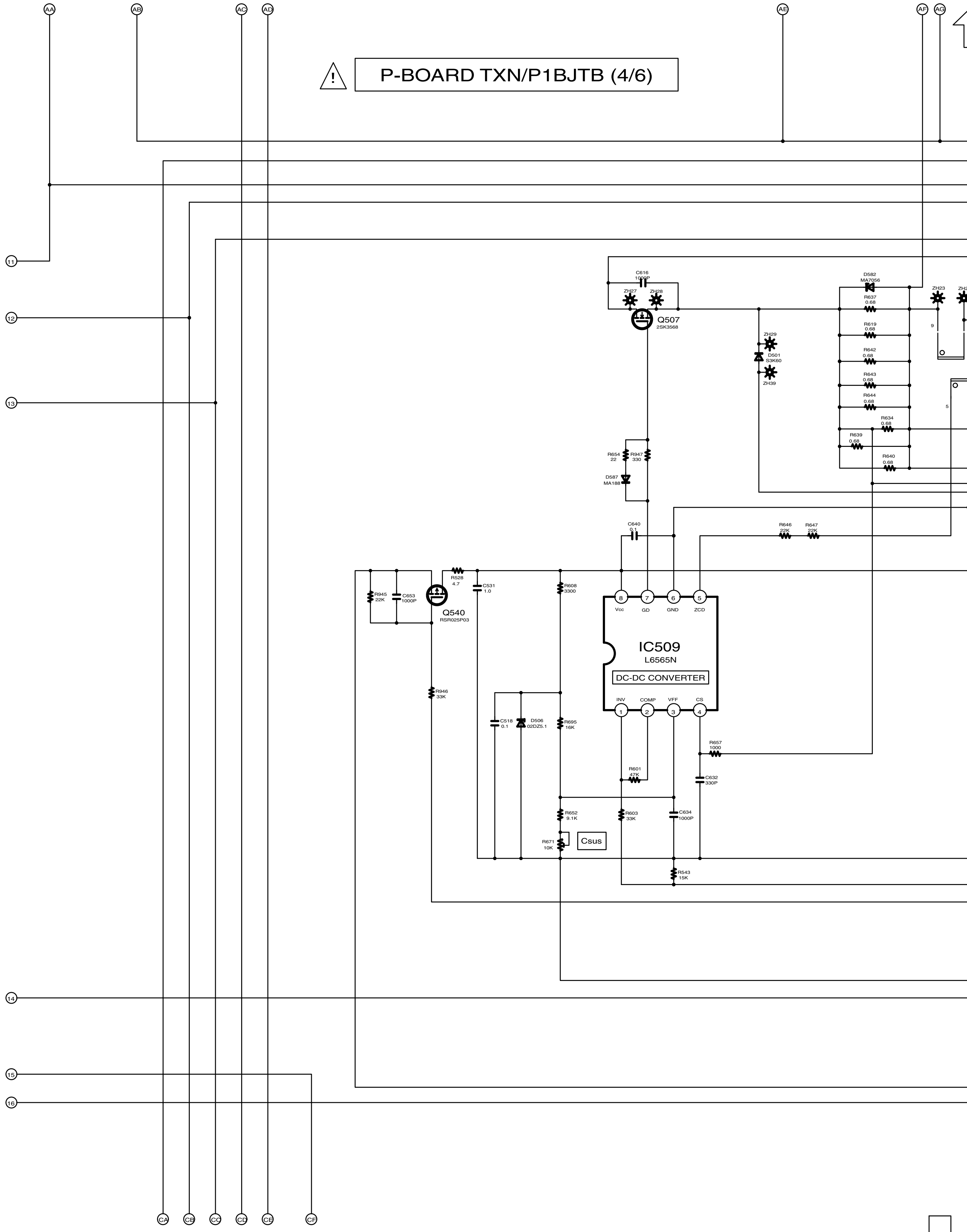

P-BOARD TXN/P1BJTB (3/6)
TO
P-BOARD
(1/6)
TO
P-BOARD
(5/6)
COLD
HOT
A
B
C
D
E
F
1
2
3
4
5
IC411
TL431A1LPM5
ERROR DET
IC409
MIP2G4
DC POWER
CONTROL
SOURCE
SOURCE
DRAIN
Vdd
FB
CL
Vcc
Q434
2SK3302
D404
S1WB(A)60
D435
ERA15-10
D596
ERA15-10
D416
1SR153
L410
40mH
C414
0.047u
C407
22u/450V
R483
4.7M
R413
10/5W
R407
430K
R427
430K
R435
430K
R461
10K
R488
100K
C654
1.0
R425
39K
R459
680K
C408
1000P
R938
4.7K
C402
1.0
R416
3M
C413
0.1
D438
MA4200-M
D432
RB520
D437
MA4200-M
C434
1.0
R418
22
R423
1K
C433
0.1
D445
MA4360-H
D436
MA4200
R432
1K
C425
0.01
D430
MA111
R404
1K
ZH60
ZH6
ZH44
ZH67
ZH59
ZH5
ZH45
ZH68
ZH61
ZH63
ZH53
ZH52
ZH41
2.5mm
2.5mm
A
B
C
D
E
F
G
H
I
J
BA
BB
BC
BD
BE
BF
BG
BH
BI
BJ
BK

TH-42PV600E, TH-42PX600B
P-Board (3 of 6) Schematic Diagram

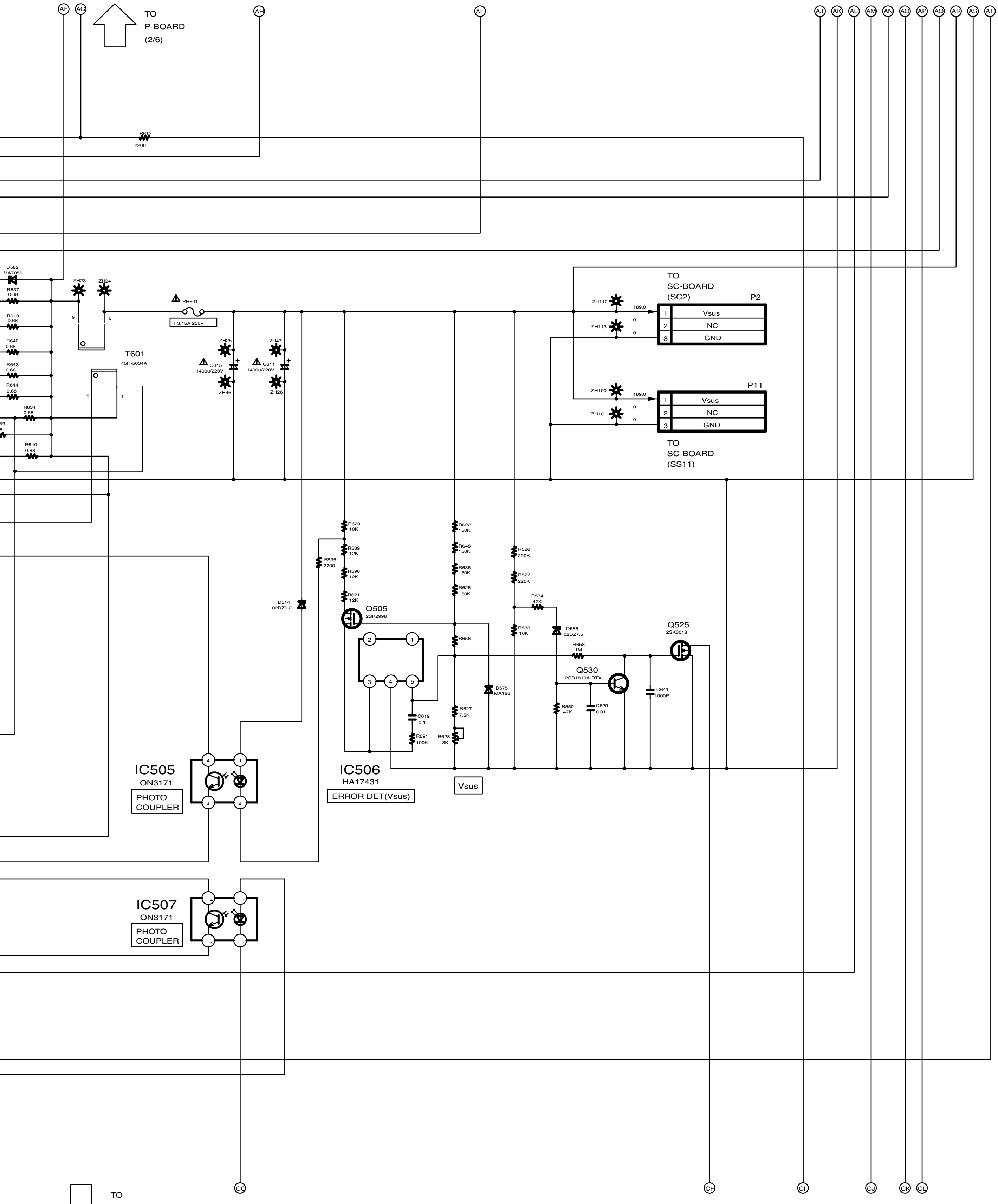

J
K
TO
P-BOARD
(1/6)
HOT
COLD
T410
ETS25AF115AH
ZH89
9
15
16
14
13
12
11
10
7
5
4
1
2
D411
ST02D-170
ZN405
ERZV07D511
ZN406
ERZV07D511
ZH88
C494
1/250V
C497
47/50V
D412
D1NL20U
D441
D1NL20U
R429
4.7
C493
47/50V
D444
D1NL20U
R521
10
C512
50V
470P
C513
50V
470P
D511
D1NJ10
C529
1.0
C517
220u
R522
10
C514
470P
D509
D2S6M
C515
1200
R677
470K
R594
150
R943
1M
C585
0.022
Q537
RTR040N03
R540
1M
Q521
2SK3018
R539
10K
C630
0.01
D601
02DZ5.1
11
12
13
R434
0
C467
220P
R432
1K
R422
330K
IC504
TL431A1LPM5
ERROR DET
R507
220
R524
1K
D595
WA5001=5
R921
33K
R530
33K
C516
0.47
C433
0.1
D445
MA4360-H
D436
MA4200-M
R412
0
IC408
ON3171
PHOTO
COUPLER
R544
330
D563
02DZ6.2
IC410
ON3171
PHOTO
COUPLER
R542
1K
C507
0.01
R404
1K
R420
0
Q524
2SK2090
R549
10K
C627
1000P
R541
1M
14
15
16
HOT
COLD
BL
BM
BN
BO
TO
P-BOARD
(5/6)
5
6
7
8
9

TH-42PV600E, TH-42PX600B
P-Board (3 of 6) Schematic Diagram

14.15. P-Board (4 of 6) Schematic Diagram (42inch)

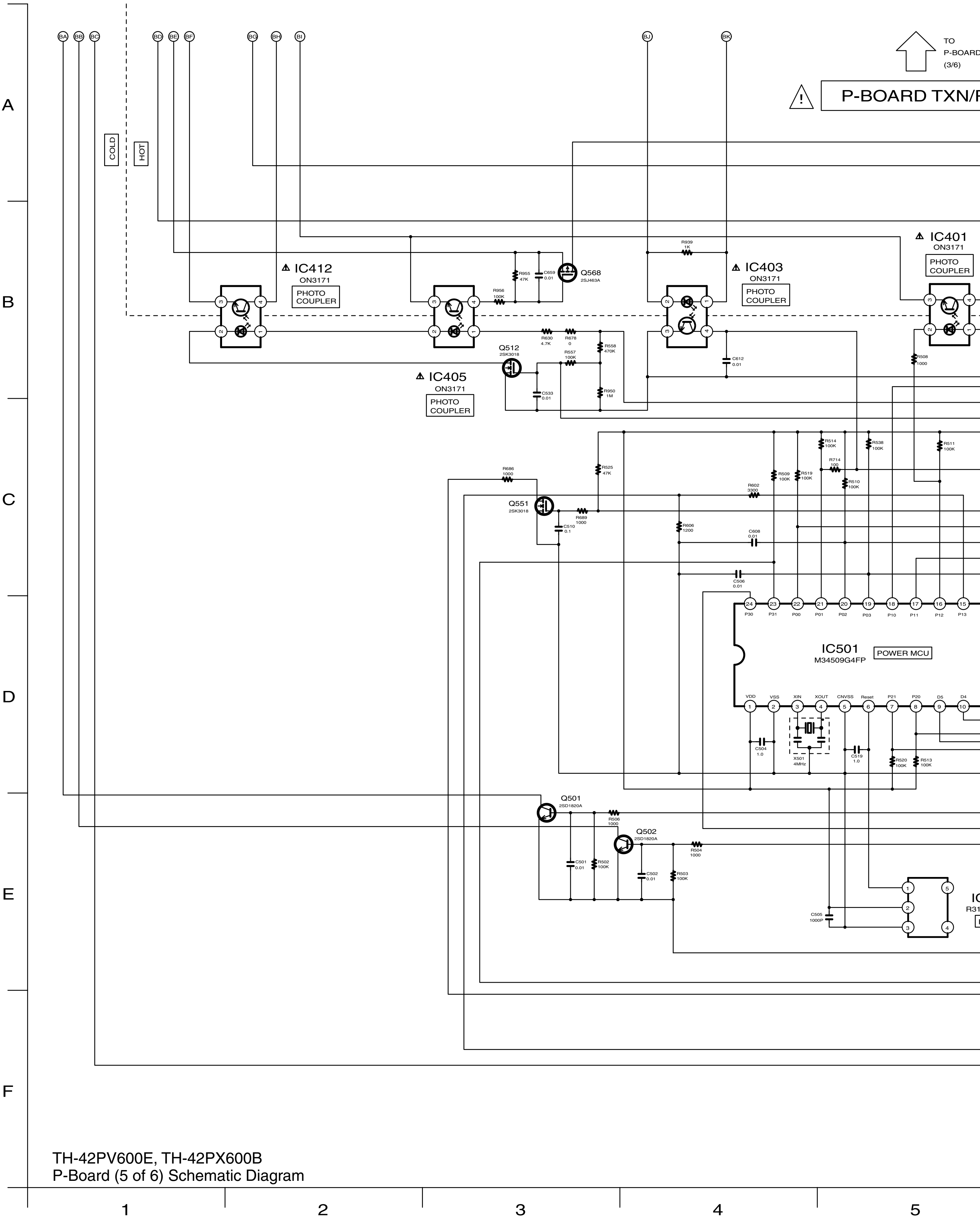

AA
AB
AC
AD
AE
AF
AG
P-BOARD TXN/P1BJTB (4/6)
11
12
13
14
15
16
C616
1000P
ZH27
ZH28
Q507
2SK3568
D582
MA7056
ZH23
R637
0.68
R619
0.68
R642
0.68
R643
0.68
R644
0.68
R634
0.68
R639
0.68
R640
0.68
9
5
ZH29
D501
S3K60
ZH39
R654
22
R947
330
D587
MA188
C640
0.1
R646
22K
R647
22K
R528
4.7
C531
1.0
R945
22K
C653
1000P
Q540
RSR025P03
R608
3300
8
7
6
5
Vcc
GD
GND
ZCD
IC509
L6565N
DC-DC CONVERTER
INV
COMP
VFF
CS
1
2
3
4
R946
33K
C518
0.1
D506
02DZ5.1
R695
16K
R657
1000
R601
47K
C632
330P
R652
9.1K
R603
33K
C634
1000P
R671
10K
Csus
R543
15K
CA
CB
CC
CD
CE
CF

10 11 12 13 14

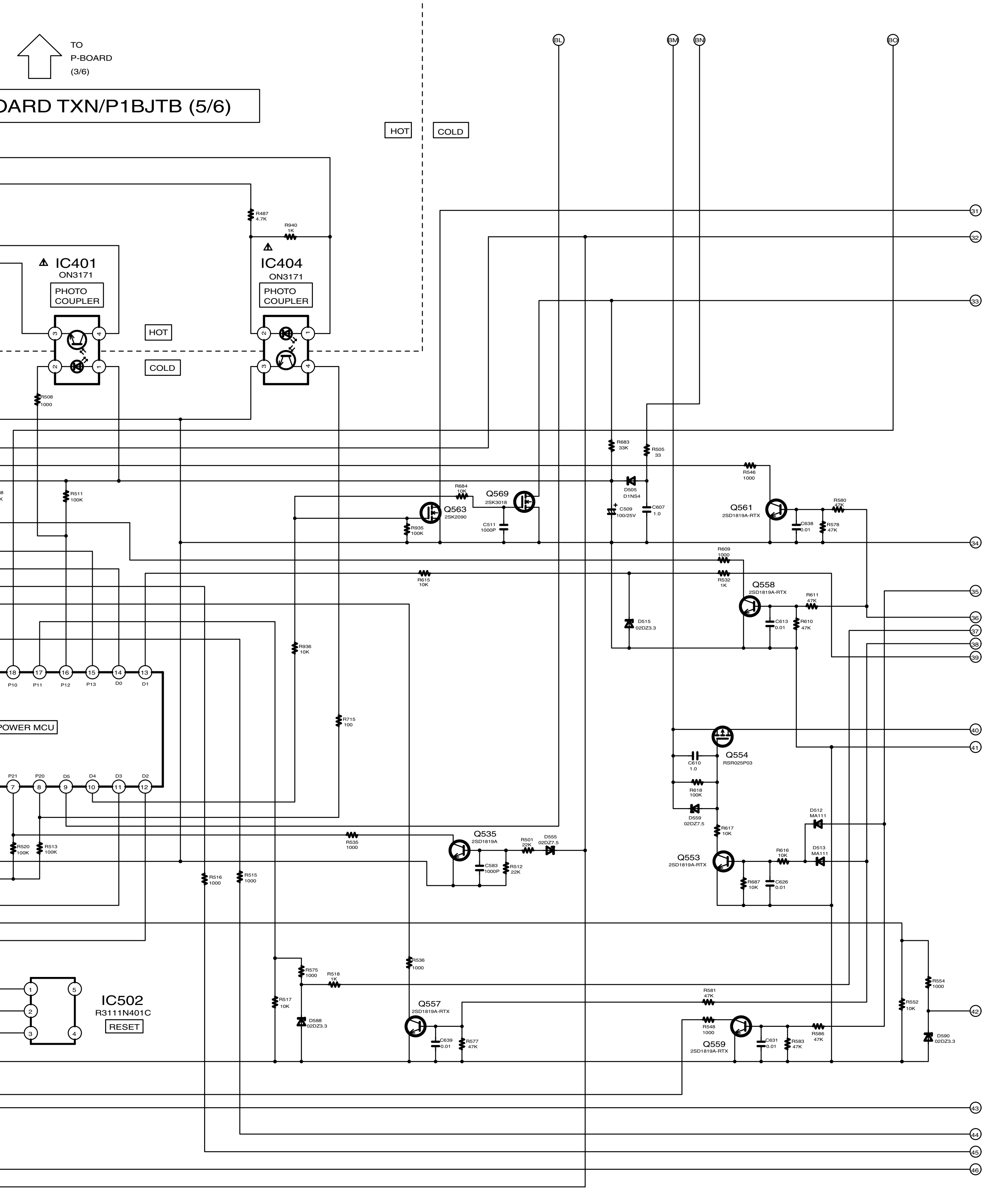

AF
AG
TO
P-BOARD
(2/6)
AH
AI
AJ
AK
AL
AM
AN
AO
AP
AQ
AR
AS
AT
R612
2200
D582
MA7056
R637
0.68
R619
0.68
R642
0.68
R643
0.68
R644
0.68
R634
0.68
39
8
R640
0.68
ZH23
ZH24
9
6
T601
45H-5034A
5
4
PR601
T 3.15A 250V
ZH25
C615
1400u/220V
ZH46
ZH47
C611
1400u/220V
ZH26
TO
SC-BOARD
(SC2)
P2
ZH112
189.0
ZH113
0
0
1
Vsus
2
NC
3
GND
P11
ZH100
189.0
ZH101
0
0
1
Vsus
2
NC
3
GND
TO
SC-BOARD
(SS11)
R620
10K
R589
12K
R595
2200
R590
12K
R621
12K
D514
02DZ6.2
Q505
2SK2998
2
1
3
4
5
R622
150K
R648
150K
R636
150K
R626
150K
R656
R627
7.5K
R628
3K
C619
0.1
R691
100K
D575
MA188
R526
220K
R527
220K
R534
47K
R533
16K
D585
02DZ7.5
R658
1M
Q530
2SD1819A-RTX
R550
47K
C629
0.01
C641
1000P
Q525
2SK3018
IC505
ON3171
PHOTO
COUPLER
4
1
3
2
IC506
HA17431
ERROR DET(Vsus)
Vsus
IC507
ON3171
PHOTO
COUPLER
4
1
3
2
CG
CH
CI
CJ
CK
CL
TO
P-BOARD
(6/6)
14
15
16
17
18

TH-42PV600E, TH-42PX600B
P-Board (4 of 6) Schematic Diagram

14.16. P-Board (5 of 6) Schematic Diagram (42inch)


BA
BB
BC
BD
BE
BF
BG
BH
BI
BJ
BK
TO
P-BOARD
(3/6)
P-BOARD TXN/
COLD
HOT
IC412
ON3171
PHOTO COUPLER
IC405
ON3171
PHOTO COUPLER
IC403
ON3171
PHOTO COUPLER
IC401
ON3171
PHOTO COUPLER
Q568
2SJ463A
Q512
2SK3018
Q551
2SK3018
Q501
2SD1820A
Q502
2SD1820A
R955 47K
C659 0.01
R956 100K
R630 4.7K
R678 0
R558 470K
R557 100K
R950 1M
C533 0.01
R939 1K
C612 0.01
R508 1000
R514 100K
R538 100K
R511 100K
R714 100
R509 100K
R519 100K
R510 100K
R602 3300
R525 47K
R686 1000
R689 1000
C510 0.1
R606 1200
C608 0.01
C506 0.01
IC501
M34509G4FP
POWER MCU
P30
P31
P00
P01
P02
P03
P10
P11
P12
P13
VDD
VSS
XIN
XOUT
CNVSS
Reset
P21
P20
D5
D4
C504 1.0
X501 4MHz
C519 1.0
R520 100K
R513 100K
R506 1000
C501 0.01
R502 100K
C502 0.01
R503 100K
R504 1000
C505 1000P
IC
R31
A
B
C
D
E
F
1
2
3
4
5

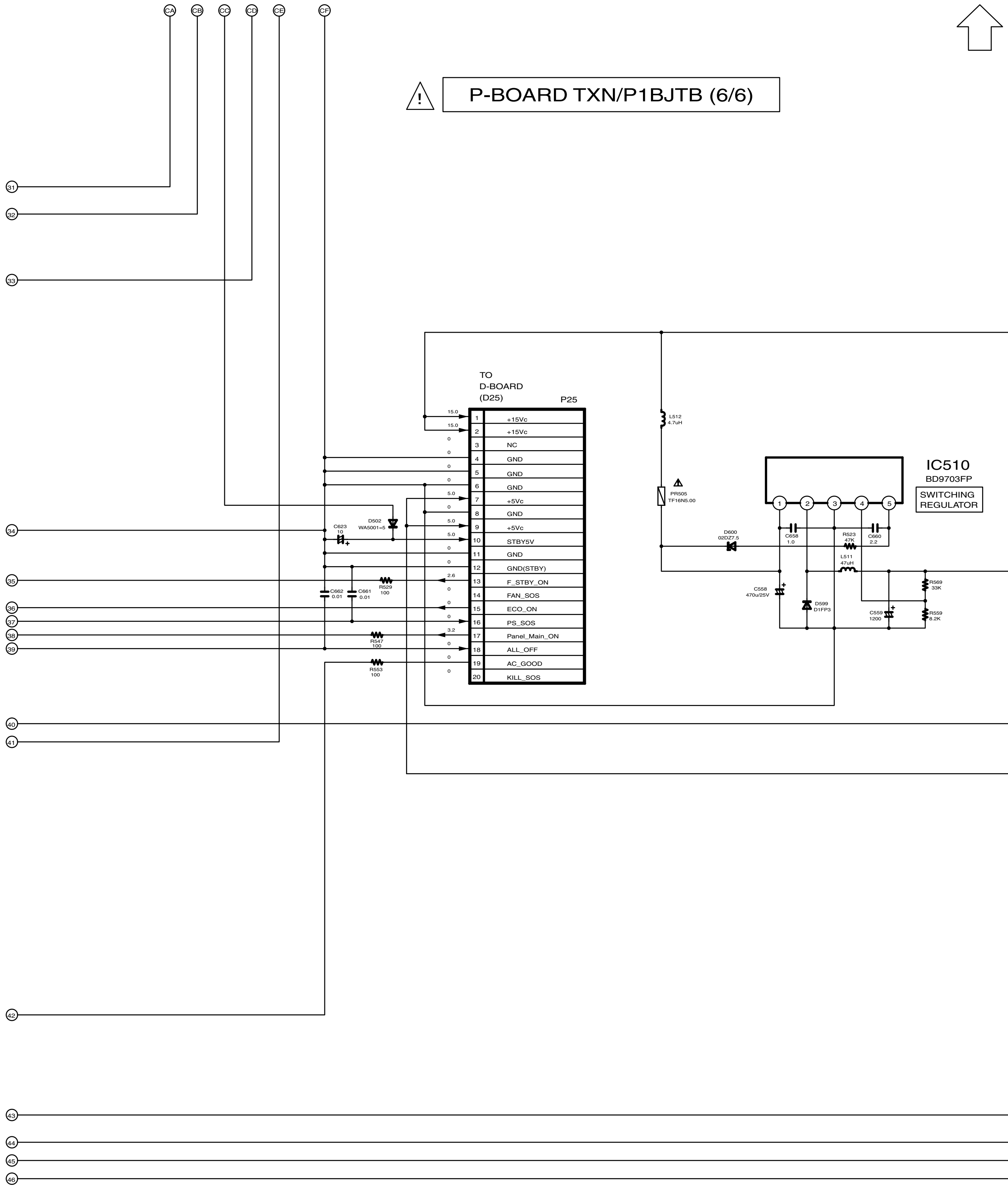
TH-42PV600E, TH-42PX600B
P-Board (5 of 6) Schematic Diagram

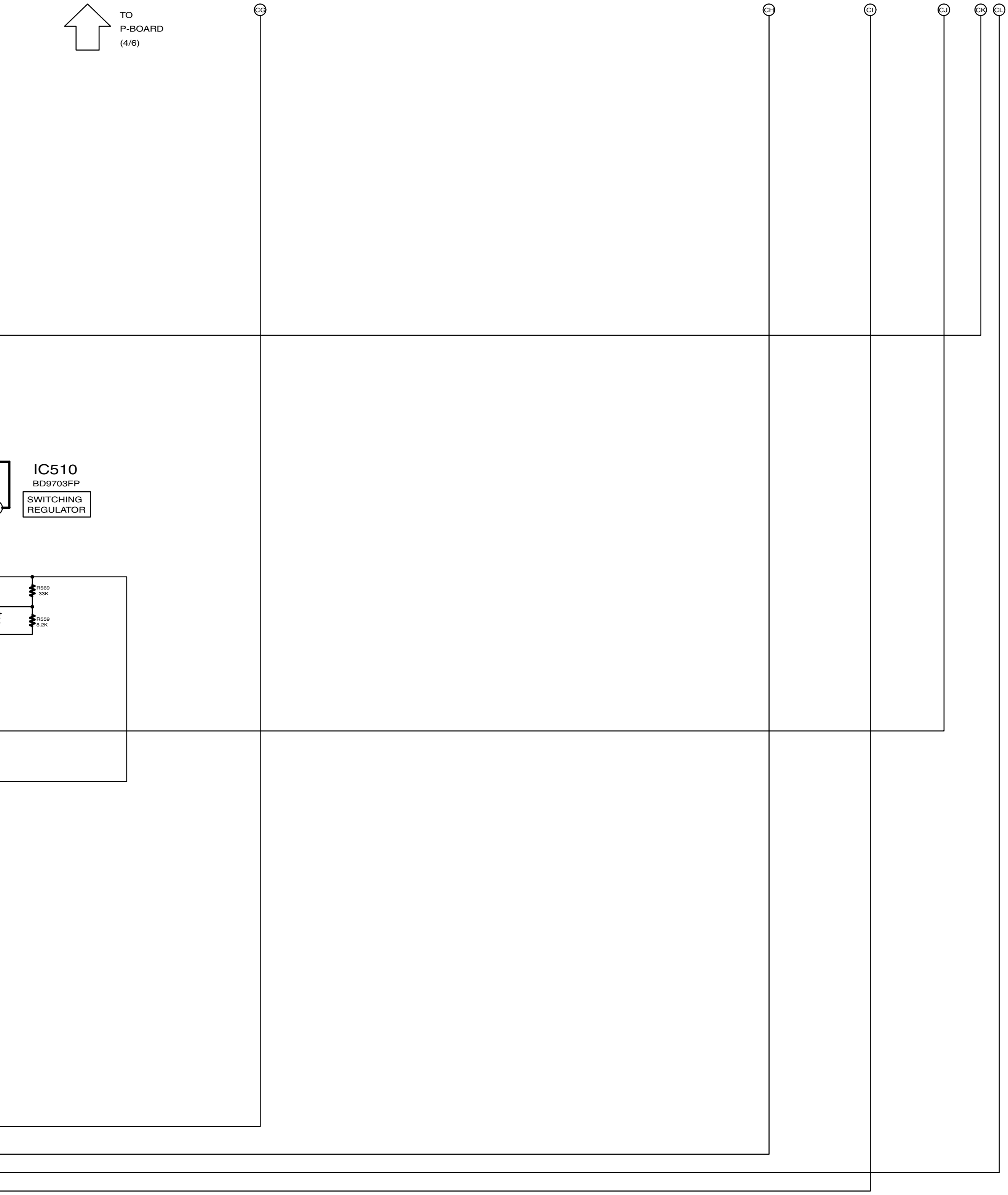

TO
P-BOARD
(3/6)
OARD TXN/P1BJTB (5/6)
HOT
COLD
BL
BM
BN
BO
IC401
ON3171
PHOTO COUPLER
IC404
ON3171
PHOTO COUPLER
R487 4.7K
R940 1K
R508 1000
R511 100K
R936 10K
R715 100
POWER MCU
P10 P11 P12 P13 D0 D1
P21 P20 D5 D4 D3 D2
R520 100K
R513 100K
R516 1000
R515 1000
R535 1000
Q535 2SD1819A
R501 22K
D555 02DZ7.5
C583 1000P
R512 22K
R684 10K
Q569 2SK3018
Q563 2SK2090
R935 100K
C511 1000P
R615 10K
R683 33K
R505 33
D505 D1NS4
C509 100/25V
C607 1.0
R546 1000
Q561 2SD1819A-RTX
R580 47K
C638 0.01
R578 47K
R609 1000
R532 1K
Q558 2SD1819A-RTX
R611 47K
D515 02DZ3.3
C613 0.01
R610 47K
Q554 RSR025P03
C610 1.0
R618 100K
D559 02DZ7.5
R617 10K
D512 MA111
Q553 2SD1819A-RTX
R616 10K
D513 MA111
R687 10K
C626 0.01
IC502
R3111N401C
RESET
R517 10K
R575 1000
R518 1K
D588 02DZ3.3
R536 1000
Q557 2SD1819A-RTX
C639 0.01
R577 47K
R581 47K
R548 1000
Q559 2SD1819A-RTX
C631 0.01
R583 47K
R586 47K
R552 10K
R554 1000
D590 02DZ3.3
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46

TH-42PV600E, TH-42PX600B
P-Board (5 of 6) Schematic Diagram

5 6 7 8 9

14.17. P-Board (6 of 6) Schematic Diagram (42inch)

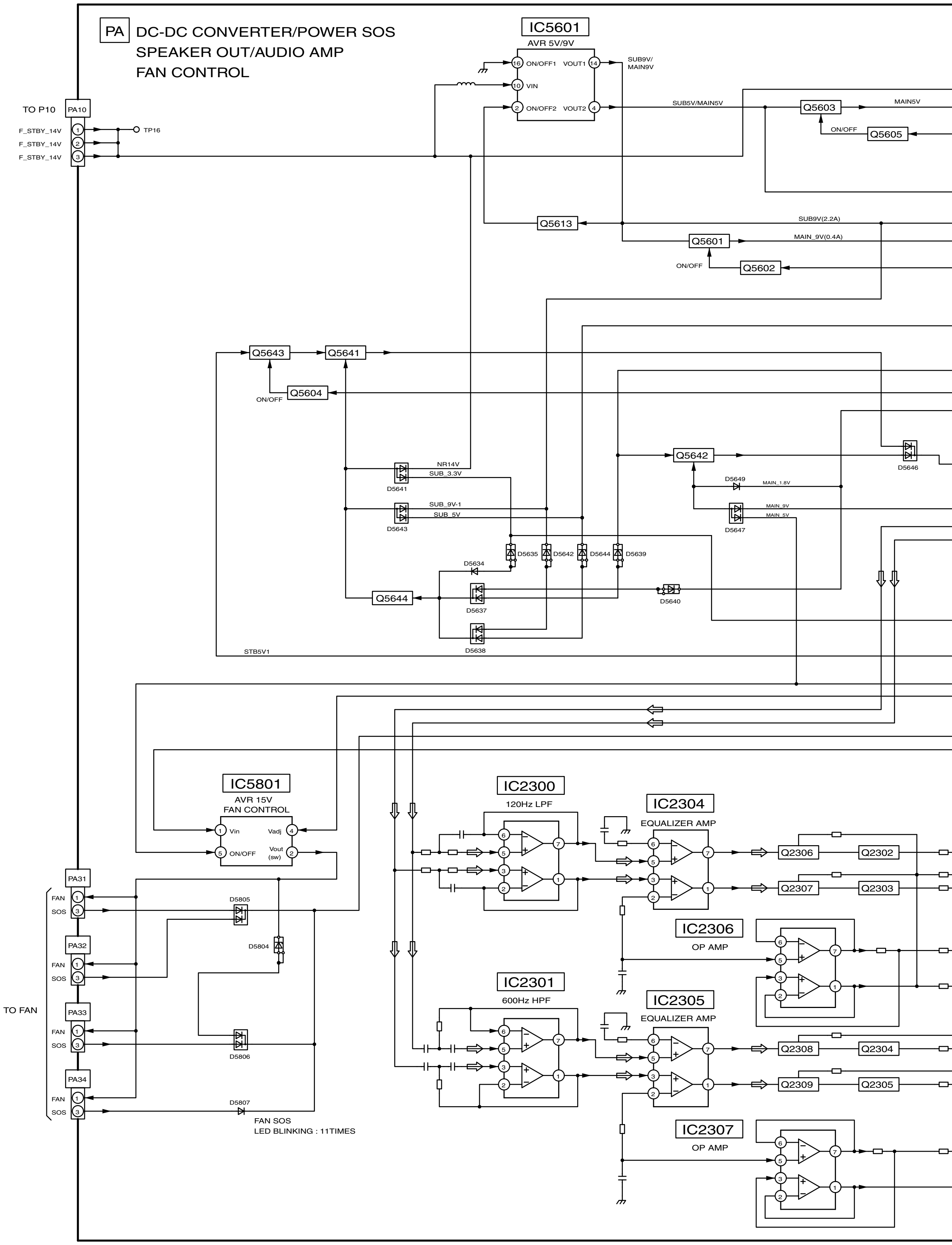

CA
CB
CC
CD
CE
CF
P-BOARD TXN/P1BJTB (6/6)
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
TO
D-BOARD
(D25)
P25
1 +15Vc 15.0
2 +15Vc 15.0
3 NC 0
4 GND 0
5 GND 0
6 GND 0
7 +5Vc 5.0
8 GND 0
9 +5Vc 5.0
10 STBY5V 5.0
11 GND 0
12 GND(STBY) 0
13 F_STBY_ON 2.6
14 FAN_SOS 0
15 ECO_ON 0
16 PS_SOS 0
17 Panel_Main_ON 3.2
18 ALL_OFF 0
19 AC_GOOD 0
20 KILL_SOS 0
D502
WA5001=5
C623
10
C662
0.01
C661
0.01
R529
100
R547
100
R553
100
L512
4.7uH
PR505
TF16N5.00
D600
02DZ7.5
IC510
BD9703FP
SWITCHING
REGULATOR
1
2
3
4
5
C658
1.0
R523
47K
C660
2.2
L511
47uH
C558
470u/25V
D599
D1FP3
C559
1200
R569
33K
R559
8.2K

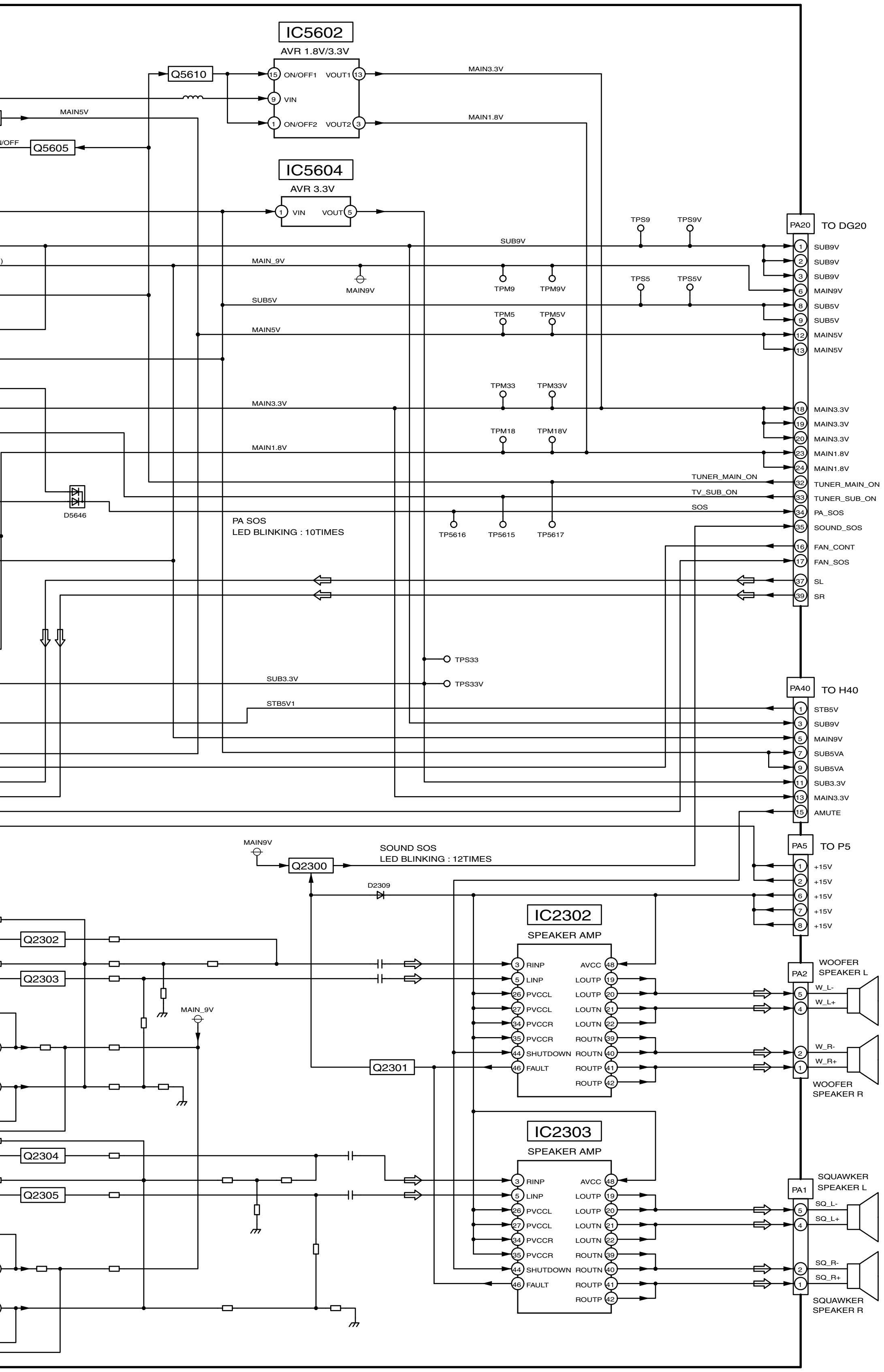

TO
P-BOARD
(4/6)
CG
CH
CI
CJ
CK
CL
IC510
BD9703FP
SWITCHING
REGULATOR
R569
33K
R559
8.2K

TH-42PV600E, TH-42PX600B
P-Board (6 of 6) Schematic Diagram

14 15 16 17 18

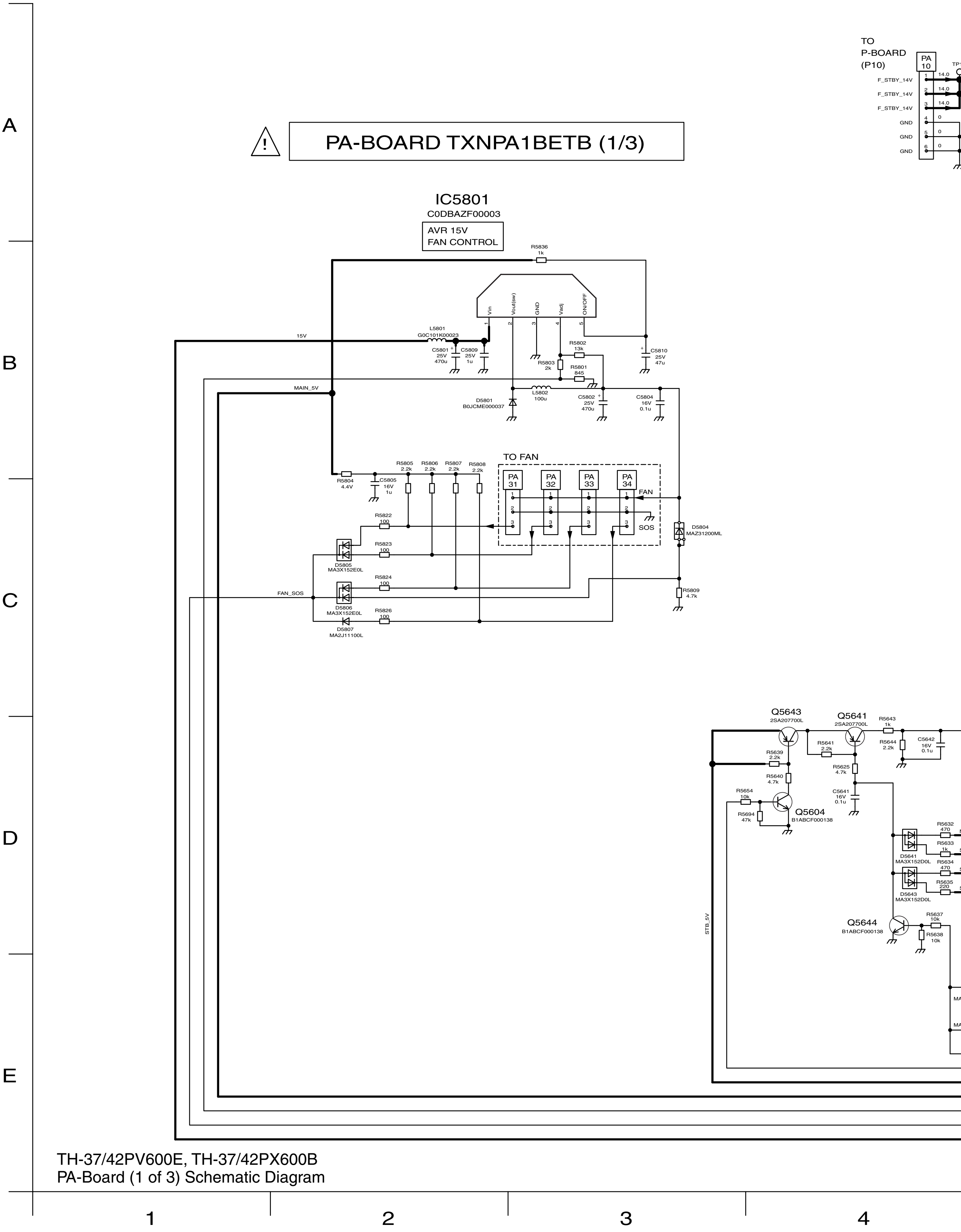
14.18. PA-Board Block Diagram


PA
DC-DC CONVERTER/POWER SOS
SPEAKER OUT/AUDIO AMP
FAN CONTROL
IC5601
AVR 5V/9V
16 ON/OFF1
VOUT1 14
10 VIN
2 ON/OFF2
VOUT2 4
SUB9V/
MAIN9V
SUB5V/MAIN5V
Q5603
MAIN5V
ON/OFF
Q5605
TO P10
PA10
F_STBY_14V
F_STBY_14V
F_STBY_14V
TP16
Q5613
SUB9V(2.2A)
Q5601
MAIN_9V(0.4A)
ON/OFF
Q5602
Q5643
Q5641
ON/OFF
Q5604
Q5642
D5646
NR14V
SUB_3.3V
D5641
D5649
MAIN_1.8V
SUB_9V-1
SUB_5V
D5643
MAIN_9V
MAIN_5V
D5647
D5635
D5642
D5644
D5639
D5634
Q5644
D5637
D5640
D5638
STB5V1
IC5801
AVR 15V
FAN CONTROL
1 Vin
Vadj 4
5 ON/OFF
Vout (sw) 2
IC2300
120Hz LPF
IC2304
EQUALIZER AMP
Q2306
Q2302
Q2307
Q2303
IC2306
OP AMP
IC2301
600Hz HPF
IC2305
EQUALIZER AMP
Q2308
Q2304
Q2309
Q2305
IC2307
OP AMP
PA31
FAN
SOS
D5805
PA32
FAN
SOS
D5804
TO FAN
PA33
FAN
SOS
D5806
PA34
FAN
SOS
D5807
FAN SOS
LED BLINKING : 11TIMES

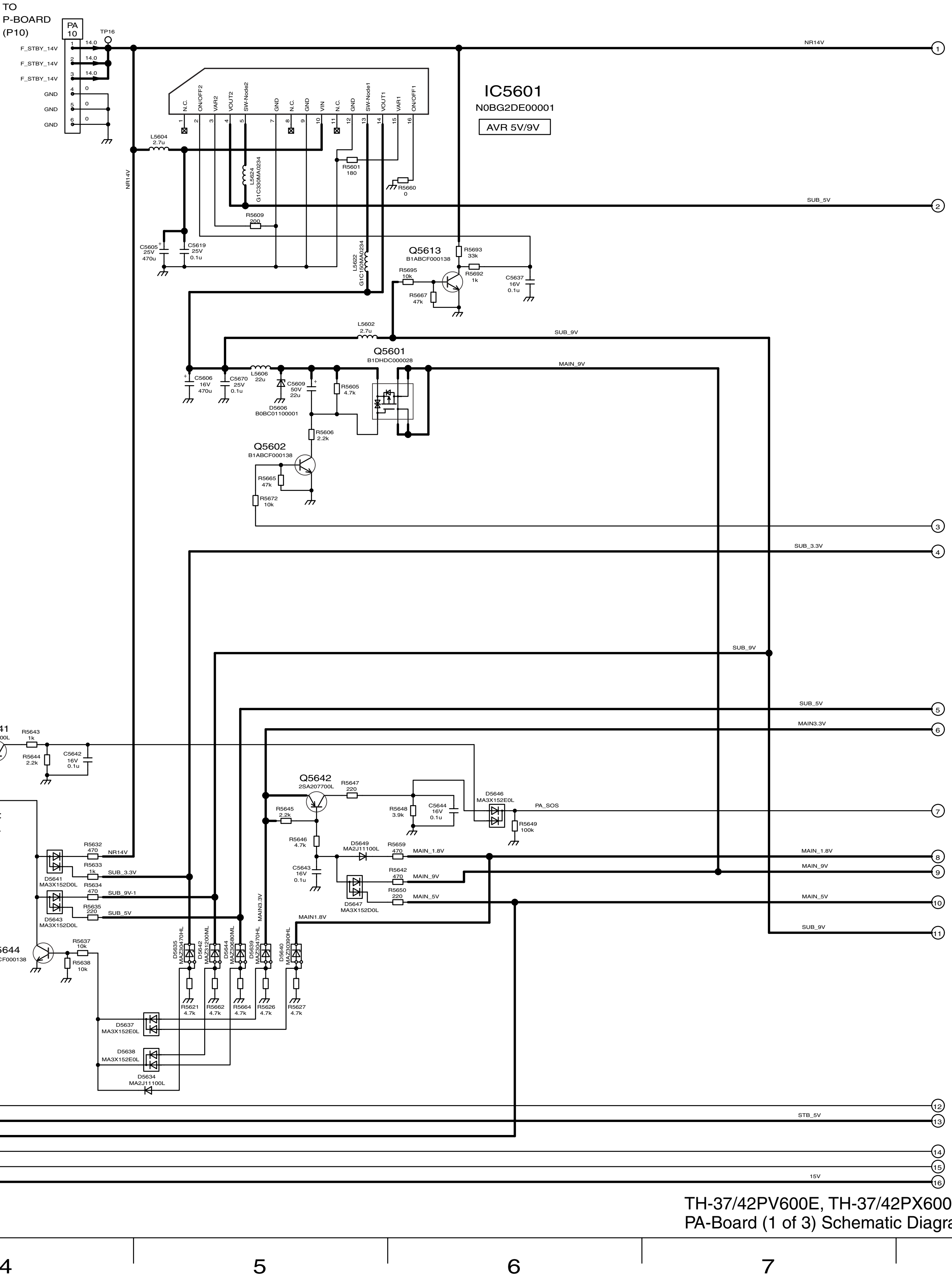

IC5602
AVR 1.8V/3.3V
Q5610
ON/OFF1
VOUT1
VIN
ON/OFF2
VOUT2
MAIN3.3V
MAIN1.8V
MAIN5V
Q5605
IC5604
AVR 3.3V
VIN
VOUT
TPS9
TPS9V
PA20
TO DG20
SUB9V
MAIN_9V
MAIN9V
TPM9
TPM9V
TPS5
TPS5V
SUB5V
TPM5
TPM5V
MAIN5V
TPM33
TPM33V
MAIN3.3V
TPM18
TPM18V
MAIN1.8V
TUNER_MAIN_ON
TV_SUB_ON
SOS
D5646
PA SOS
LED BLINKING : 10TIMES
TP5616
TP5615
TP5617
SUB9V
SUB9V
SUB9V
MAIN9V
SUB5V
SUB5V
MAIN5V
MAIN5V
MAIN3.3V
MAIN3.3V
MAIN3.3V
MAIN1.8V
MAIN1.8V
TUNER_MAIN_ON
TUNER_SUB_ON
PA_SOS
SOUND_SOS
FAN_CONT
FAN_SOS
SL
SR
TPS33
TPS33V
SUB3.3V
STB5V1
PA40
TO H40
STB5V
SUB9V
MAIN9V
SUB5VA
SUB5VA
SUB3.3V
MAIN3.3V
AMUTE
MAIN9V
Q2300
SOUND SOS
LED BLINKING : 12TIMES
PA5
TO P5
+15V
+15V
+15V
+15V
+15V
D2309
IC2302
SPEAKER AMP
Q2302
Q2303
MAIN_9V
RINP
LINP
PVCCL
PVCCL
PVCCR
PVCCR
SHUTDOWN
FAULT
AVCC
LOUTP
LOUTP
LOUTN
LOUTN
ROUTN
ROUTN
ROUTP
ROUTP
Q2301
PA2
WOOFER
SPEAKER L
W_L-
W_L+
W_R-
W_R+
WOOFER
SPEAKER R
IC2303
SPEAKER AMP
Q2304
Q2305
PA1
SQUAWKER
SPEAKER L
SQ_L-
SQ_L+
SQ_R-
SQ_R+
SQUAWKER
SPEAKER R

TH-37/42PV600E, TH-37/42PX600B
PA-Board Block Diagram

14.19. PA-Board (1 of 3) Schematic Diagram

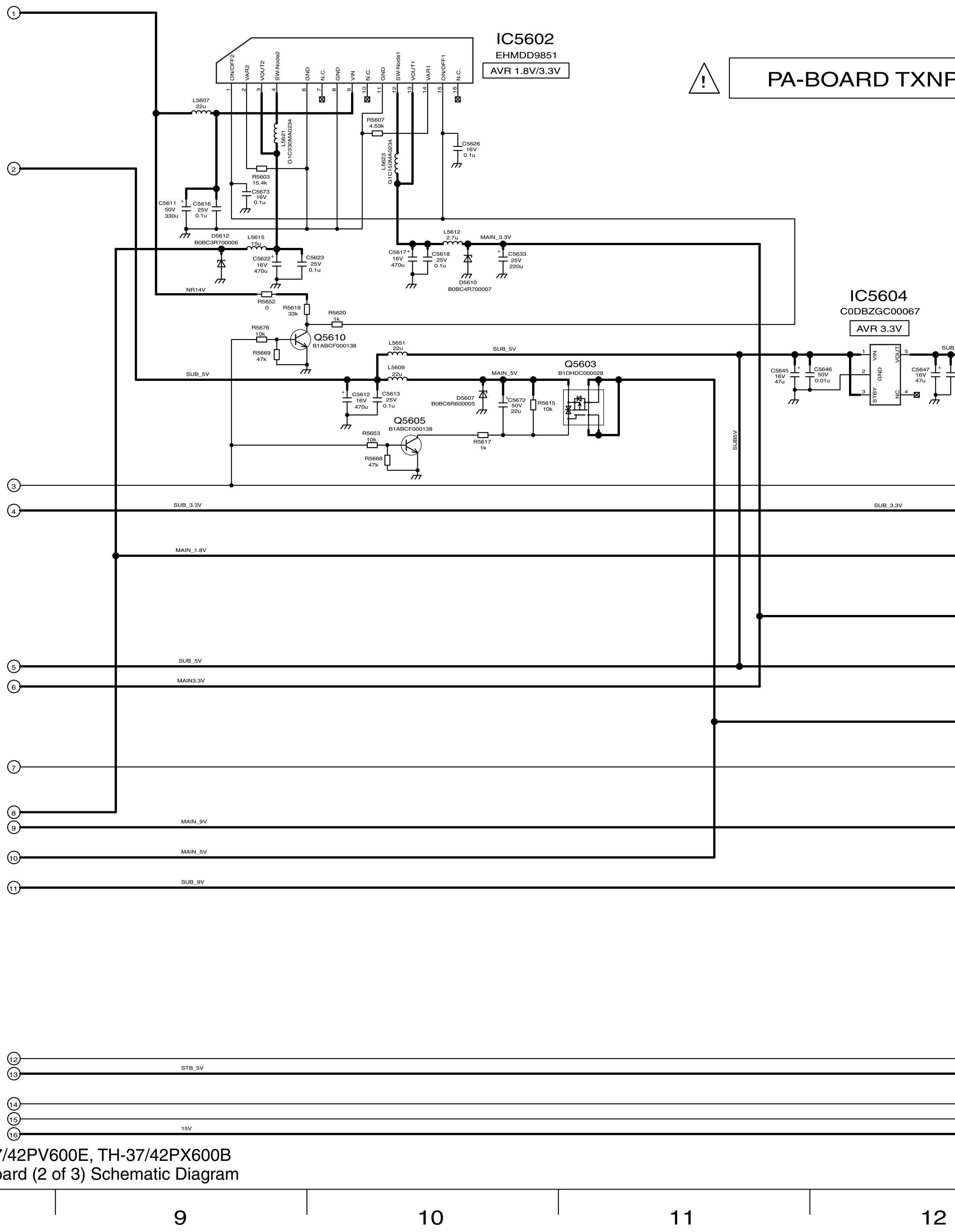

PA-BOARD TXNPA1BETB (1/3)
TO P-BOARD (P10)
PA 10
F_STBY_14V
F_STBY_14V
F_STBY_14V
GND
GND
GND
14.0
14.0
14.0
0
0
0
IC5801
C0DBAZF00003
AVR 15V FAN CONTROL
Vin
Vout(sw)
GND
Vadj
ON/OFF
R5836 1k
L5801 G0C101K00023
15V
MAIN_5V
C5801 25V 470u
C5809 25V 1u
R5802 13k
R5803 2k
R5801 845
C5810 25V 47u
D5801 B0JCME000037
L5802 100u
C5802 25V 470u
C5804 16V 0.1u
TO FAN
PA 31
PA 32
PA 33
PA 34
FAN
SOS
R5805 2.2k
R5806 2.2k
R5807 2.2k
R5808 2.2k
R5804 4.4V
C5805 16V 1u
R5822 100
R5823 100
R5824 100
R5826 100
D5805 MA3X152E0L
D5806 MA3X152E0L
D5807 MA2J11100L
FAN_SOS
D5804 MAZ31200ML
R5809 4.7k
Q5643 2SA207700L
Q5641 2SA207700L
R5643 1k
R5644 2.2k
C5642 16V 0.1u
R5641 2.2k
R5639 2.2k
R5640 4.7k
R5625 4.7k
C5641 16V 0.1u
R5654 10k
R5694 47k
Q5604 B1ABCF000138
R5632 470
R5633 1k
R5634 470
R5635 220
D5641 MA3X152D0L
D5643 MA3X152D0L
Q5644 B1ABCF000138
R5637 10k
R5638 10k
STB_5V
A
B
C
D
E
1
2
3
4

TH-37/42PV600E, TH-37/42PX600B
PA-Board (1 of 3) Schematic Diagram


TO
P-BOARD
(P10)
PA
10
TP16
F_STBY_14V
F_STBY_14V
F_STBY_14V
GND
GND
GND
14.0
14.0
14.0
0
0
0
NR14V
IC5601
N0BG2DE00001
AVR 5V/9V
N.C.
ON/OFF2
VAR2
VOUT2
SW-Node2
GND
N.C.
GND
VIN
N.C.
GND
SW-Node1
VOUT1
VAR1
ON/OFF1
L5604
2.7u
L5624
G1C330MA0234
R5601
180
R5660
0
R5609
200
SUB_5V
C5605
25V
470u
C5619
25V
0.1u
L5622
G1C150MA0234
Q5613
B1ABCF000138
R5693
33k
R5695
10k
R5692
1k
R5667
47k
C5637
16V
0.1u
L5602
2.7u
SUB_9V
Q5601
B1DHDC000028
MAIN_9V
C5606
16V
470u
C5670
25V
0.1u
L5606
22u
C5609
50V
22u
R5605
4.7k
D5606
B0BC01100001
R5606
2.2k
Q5602
B1ABCF000138
R5665
47k
R5672
10k
SUB_3.3V
SUB_9V
SUB_5V
MAIN3.3V
R5643
1k
R5644
2.2k
C5642
16V
0.1u
Q5642
2SA207700L
R5647
220
R5645
2.2k
R5648
3.9k
C5644
16V
0.1u
D5646
MA3X152E0L
PA_SOS
R5649
100k
R5646
4.7k
D5649
MA2J11100L
R5659
470
MAIN_1.8V
C5643
16V
0.1u
R5642
470
MAIN_9V
R5650
220
MAIN_5V
D5647
MA3X152D0L
MAIN1.8V
MAIN_1.8V
MAIN_9V
MAIN_5V
SUB_9V
R5632
470
NR14V
R5633
1k
SUB_3.3V
R5634
470
SUB_9V-1
R5635
220
SUB_5V
D5641
MA3X152D0L
D5643
MA3X152D0L
R5637
10k
R5638
10k
D5635
MAZ80470HL
D5642
MAZ81200ML
D5644
MAZ80680ML
D5639
MAZ80470HL
MAIN3.3V
D5640
MAZ80390HL
R5621
4.7k
R5662
4.7k
R5664
4.7k
R5626
4.7k
R5627
4.7k
D5637
MA3X152E0L
D5638
MA3X152E0L
D5634
MA2J11100L
STB_5V
15V
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
4
5
6
7
8

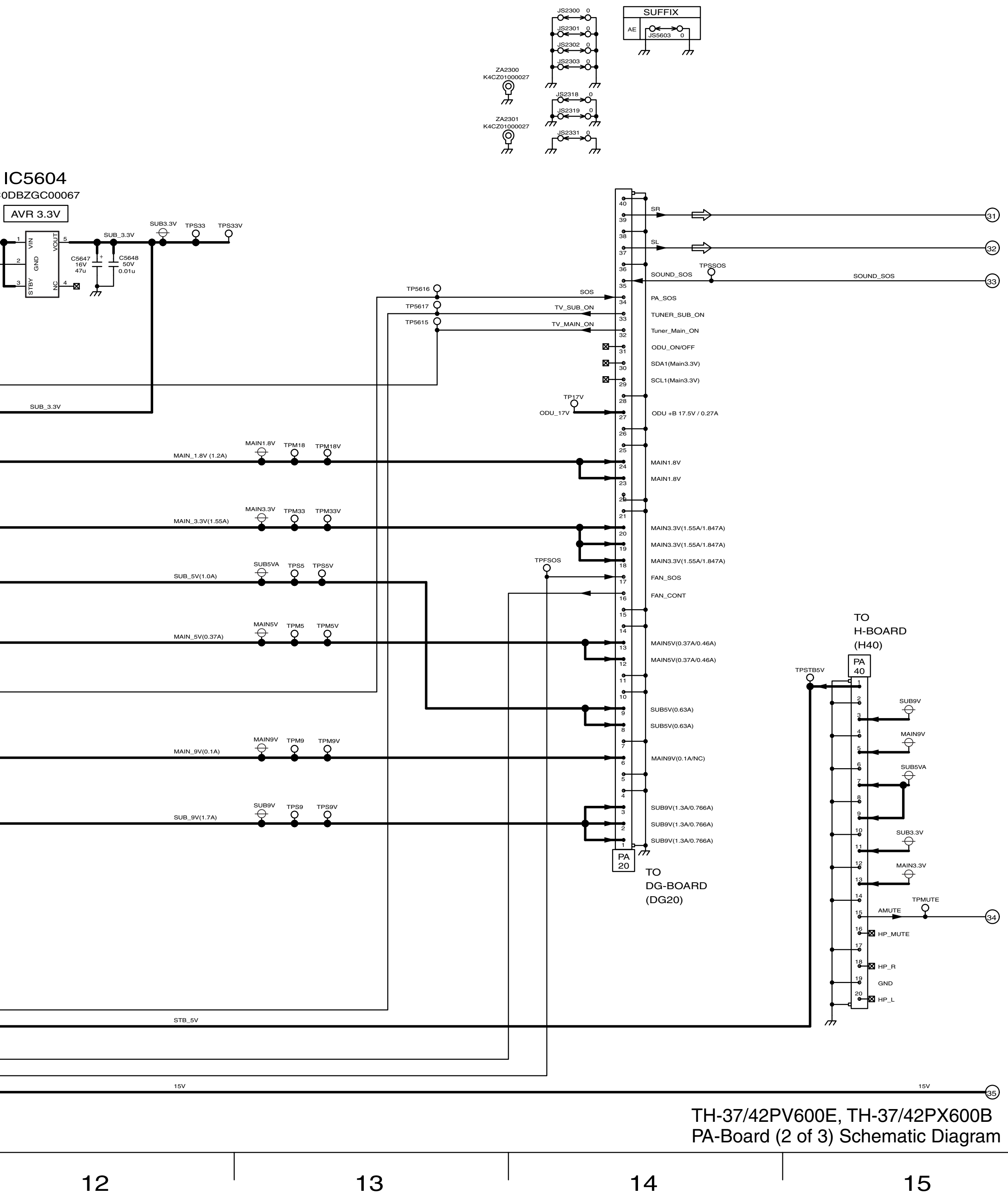
TH-37/42PV600E, TH-37/42PX600B
PA-Board (1 of 3) Schematic Diagram

14.20. PA-Board (2 of 3) Schematic Diagram


IC5602
EHMDD9851
AVR 1.8V/3.3V
ON/OFF2
VAR2
VOUT2
SW-Node2
GND
N.C.
GND
VIN
N.C.
GND
SW-Node1
VOUT1
VAR1
ON/OFF1
N.C.
PA-BOARD TXNP
L5607 22u
R5607 4.53k
C5626 16V 0.1u
L5601 G1C330MA0234
L5623 G1C150MA0234
R5603 15.4k
C5673 16V 0.1u
C5611 50V 330u
C5616 25V 0.1u
D5612 B0BC3R700006
L5615 15u
C5622 16V 470u
C5623 25V 0.1u
L5612 2.7u
MAIN_3.3V
C5617 16V 470u
C5618 25V 0.1u
C5633 25V 220u
D5610 B0BC4R700007
NR14V
R5652 0
R5619 33k
R5620 1k
R5676 10k
Q5610
B1ABCF000138
R5669 47k
IC5604
C0DBZGC00067
AVR 3.3V
L5651 22u
SUB_5V
L5609 22u
MAIN_5V
Q5603
B1DHDC000028
C5645 16V 47u
C5646 50V 0.01u
C5647 16V 47u
VIN
GND
STBY
VOUT
NC
SUB
C5612 16V 470u
C5613 25V 0.1u
D5607 B0BC6R600005
C5672 50V 22u
R5615 10k
Q5605
B1ABCF000138
R5653 10k
R5668 47k
R5617 1k
SUB5V
SUB_3.3V
MAIN_1.8V
SUB_5V
MAIN3.3V
MAIN_9V
MAIN_5V
SUB_9V
STB_5V
15V
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
8
9
10
11
12

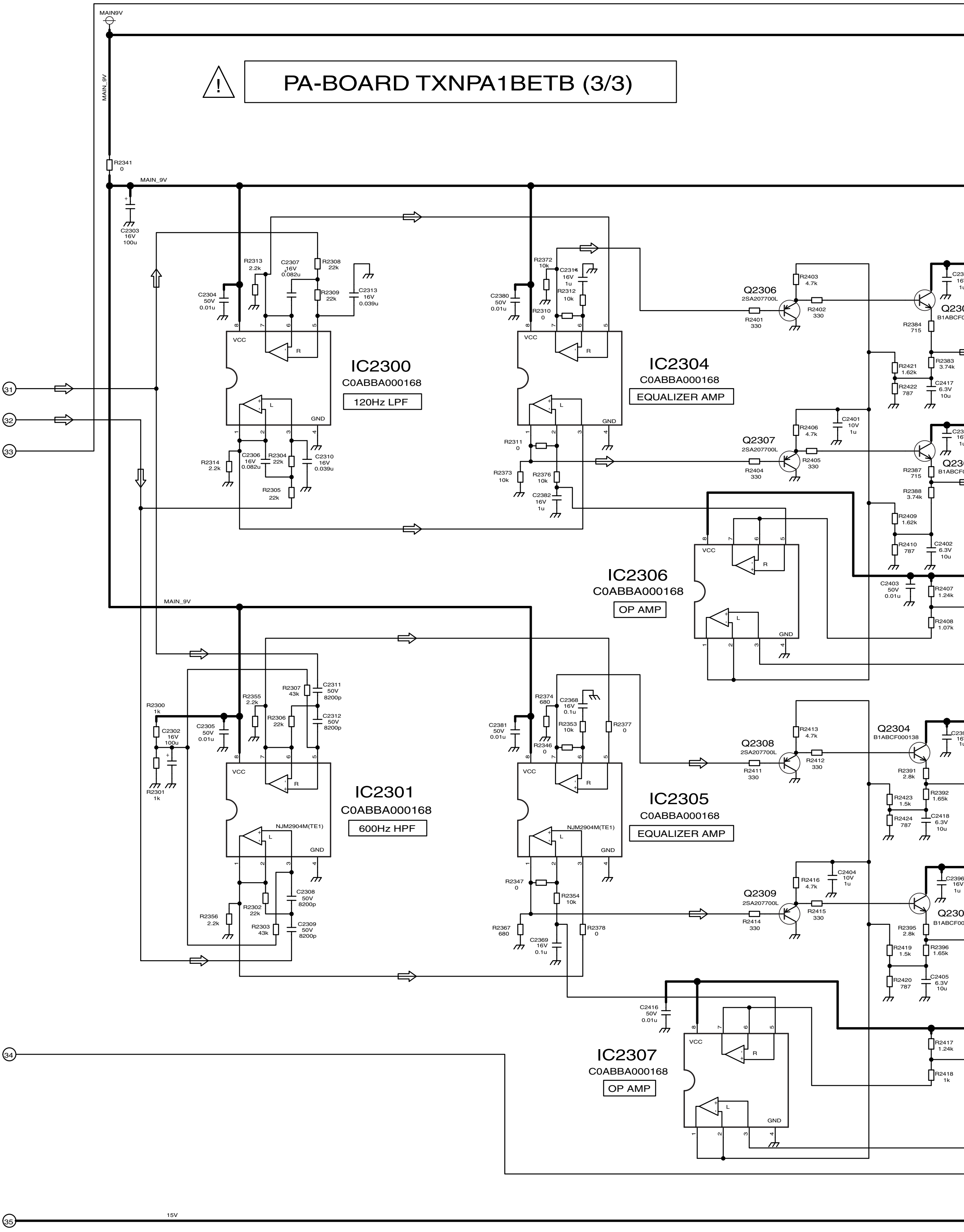
TH-37/42PV600E, TH-37/42PX600B
PA-Board (2 of 3) Schematic Diagram

ARD TXNPA1BETB (2/3)


JS2300 0
JS2301 0
JS2302 0
JS2303 0
SUFFIX
AE
JS5603 0
ZA2300
K4CZ01000027
JS2318 0
JS2319 0
ZA2301
K4CZ01000027
JS2331 0
IC5604
0DBZGC00067
AVR 3.3V
1 VIN
2 GND
3 STBY
5 VOUT
4 NC
C5647
16V
47u
C5648
50V
0.01u
SUB_3.3V
SUB3.3V
TPS33
TPS33V
TP5616
TP5617
TP5615
SOS
TV_SUB_ON
TV_MAIN_ON
SUB_3.3V
TP17V
ODU_17V
MAIN1.8V
TPM18
TPM18V
MAIN_1.8V (1.2A)
MAIN3.3V
TPM33
TPM33V
MAIN_3.3V(1.55A)
SUB5VA
TPS5
TPS5V
SUB_5V(1.0A)
TPFSOS
MAIN5V
TPM5
TPM5V
MAIN_5V(0.37A)
MAIN9V
TPM9
TPM9V
MAIN_9V(0.1A)
SUB9V
TPS9
TPS9V
SUB_9V(1.7A)
STB_5V
15V
40
39 SR
38
37 SL
36 SOUND_SOS
35 PA_SOS
34 TUNER_SUB_ON
33 Tuner_Main_ON
32 ODU_ON/OFF
31 SDA1(Main3.3V)
30 SCL1(Main3.3V)
29
28
27 ODU +B 17.5V / 0.27A
26
25 MAIN1.8V
24 MAIN1.8V
23
22
21 MAIN3.3V(1.55A/1.847A)
20 MAIN3.3V(1.55A/1.847A)
19 MAIN3.3V(1.55A/1.847A)
18 FAN_SOS
17 FAN_CONT
16
15
14 MAIN5V(0.37A/0.46A)
13 MAIN5V(0.37A/0.46A)
12
11
10
9 SUB5V(0.63A)
8 SUB5V(0.63A)
7
6 MAIN9V(0.1A/NC)
5
4
3 SUB9V(1.3A/0.766A)
2 SUB9V(1.3A/0.766A)
1 SUB9V(1.3A/0.766A)
PA
20
TO
DG-BOARD
(DG20)
TPSSOS
SOUND_SOS
31
32
33
TO
H-BOARD
(H40)
PA
40
TPSTB5V
1
2
3 SUB9V
4
5 MAIN9V
6
7 SUB5VA
8
9
10 SUB3.3V
11
12 MAIN3.3V
13
14
15 AMUTE
TPMUTE
16 HP_MUTE
17
18 HP_R
19 GND
20 HP_L
34
15V
35
12
13
14
15

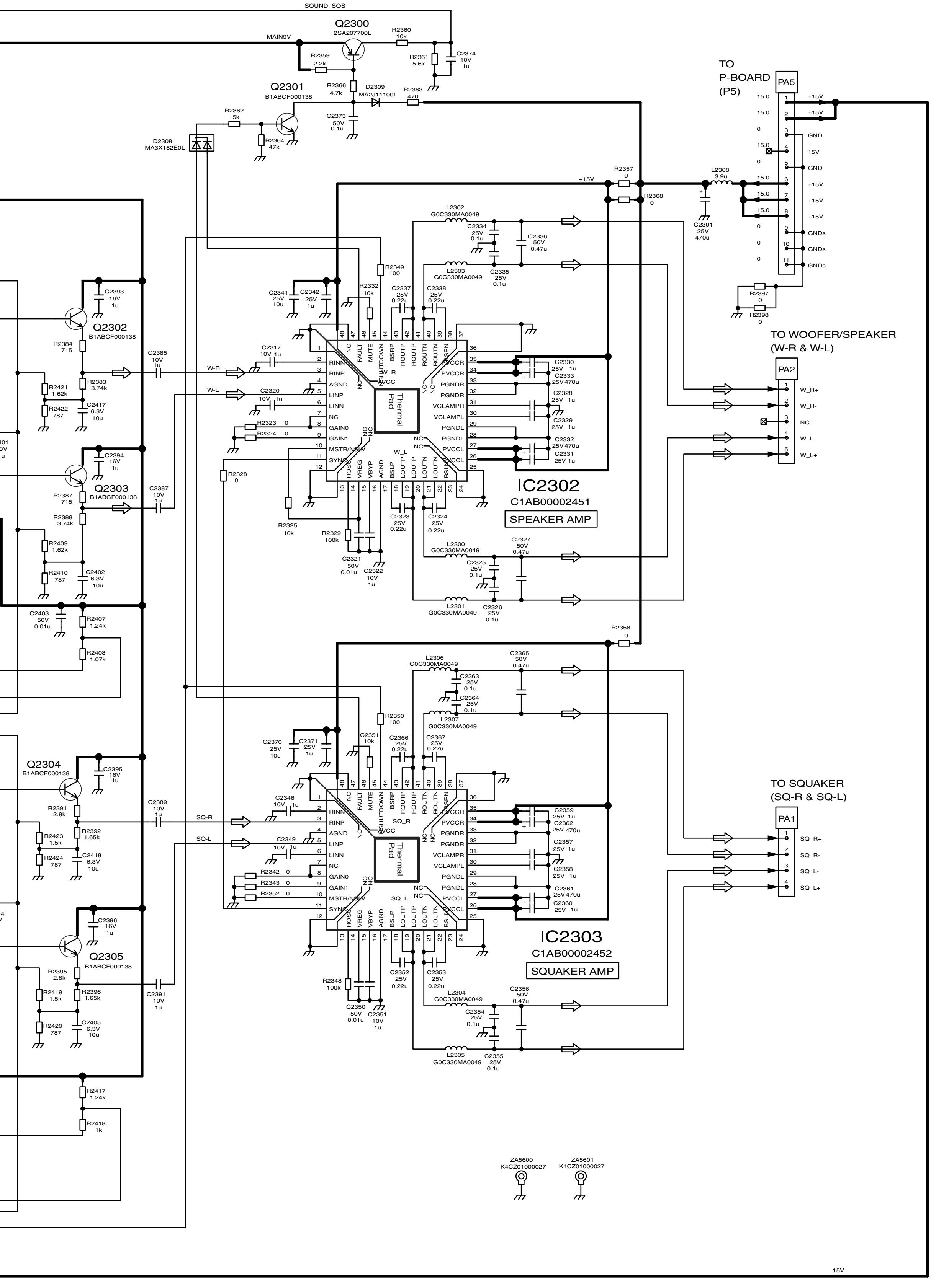
TH-37/42PV600E, TH-37/42PX600B
PA-Board (2 of 3) Schematic Diagram

14.21. PA-Board (3 of 3) Schematic Diagram


MAIN9V
MAIN_9V
PA-BOARD TXNPA1BETB (3/3)
R2341 0
C2303 16V 100u
IC2300
C0ABBA000168
120Hz LPF
R2313 2.2k
C2307 16V 0.082u
R2308 22k
R2309 22k
C2313 16V 0.039u
C2304 50V 0.01u
R2314 2.2k
C2306 16V 0.082u
R2304 22k
C2310 16V 0.039u
R2305 22k
IC2304
C0ABBA000168
EQUALIZER AMP
R2372 10k
C2314 16V 1u
R2312 10k
R2310 0
C2380 50V 0.01u
R2311 0
R2373 10k
R2376 10k
C2382 16V 1u
Q2306
2SA2070OL
R2401 330
R2403 4.7k
R2402 330
Q2307
2SA2070OL
R2404 330
R2406 4.7k
R2405 330
C2401 10V 1u
R2384 715
R2421 1.62k
R2422 787
R2383 3.74k
C2417 6.3V 10u
R2387 715
R2388 3.74k
R2409 1.62k
R2410 787
C2402 6.3V 10u
IC2306
C0ABBA000168
OP AMP
C2403 50V 0.01u
R2407 1.24k
R2408 1.07k
IC2301
C0ABBA000168
600Hz HPF
NJM2904M(TE1)
R2300 1k
R2301 1k
C2302 16V 100u
C2305 50V 0.01u
R2355 2.2k
R2307 43k
R2306 22k
C2311 50V 8200p
C2312 50V 8200p
R2356 2.2k
R2302 22k
R2303 43k
C2308 50V 8200p
C2309 50V 8200p
IC2305
C0ABBA000168
EQUALIZER AMP
R2374 680
C2368 16V 0.1u
R2353 10k
R2346 0
R2377 0
C2381 50V 0.01u
R2347 0
R2354 10k
R2367 680
C2369 16V 0.1u
R2378 0
Q2308
2SA2070OL
R2411 330
R2413 4.7k
R2412 330
Q2304
B1ABCF000138
Q2309
2SA2070OL
R2414 330
R2416 4.7k
R2415 330
C2404 10V 1u
R2391 2.8k
R2423 1.5k
R2424 787
R2392 1.65k
C2418 6.3V 10u
R2395 2.8k
R2419 1.5k
R2420 787
R2396 1.65k
C2405 6.3V 10u
IC2307
C0ABBA000168
OP AMP
C2416 50V 0.01u
R2417 1.24k
R2418 1k
VCC
GND
R
L
31
32
33
34
35
15V

TH-37/42PV600E, TH-37/42PX600B
PA-Board (3 of 3) Schematic Diagram

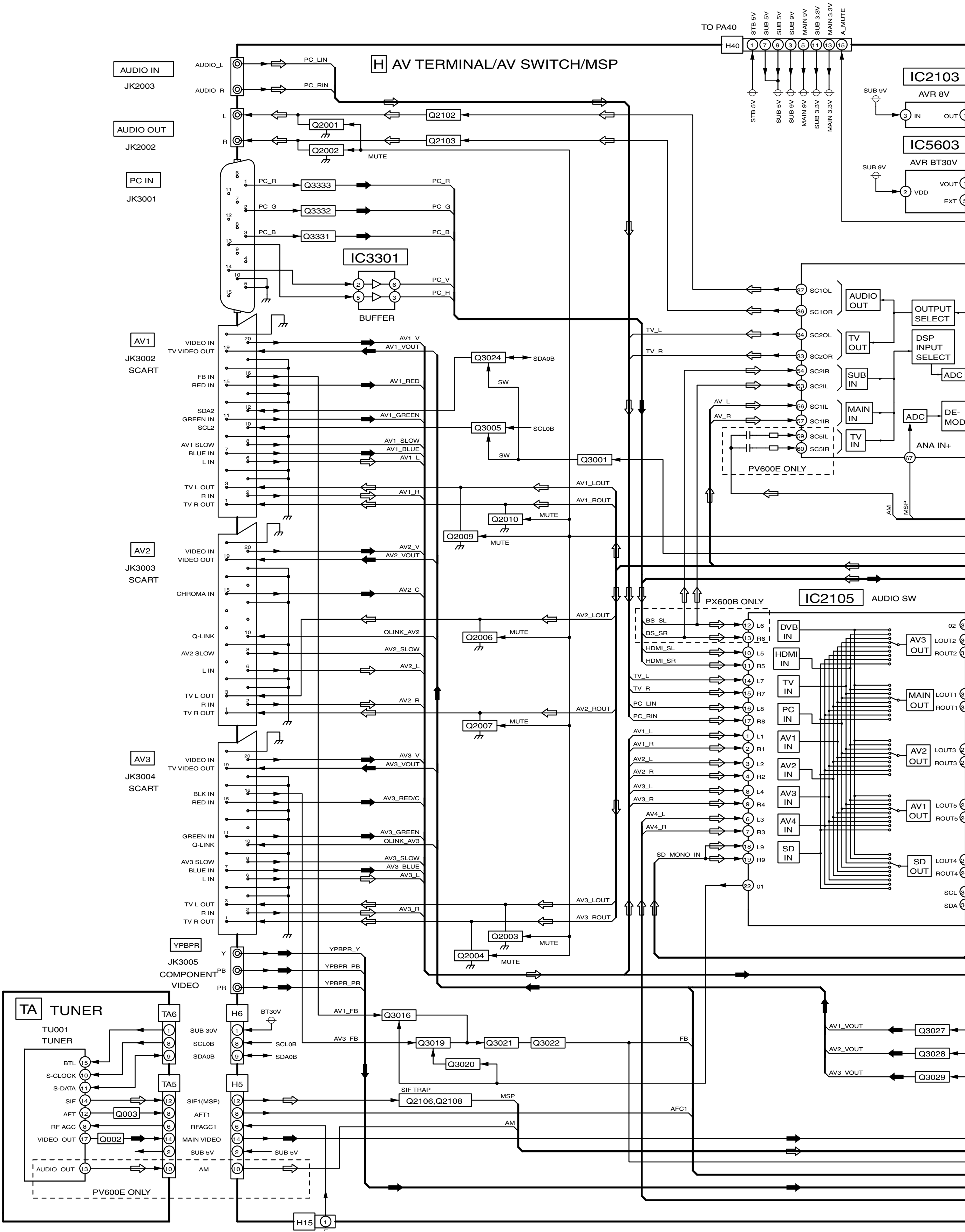
16 17 18 19

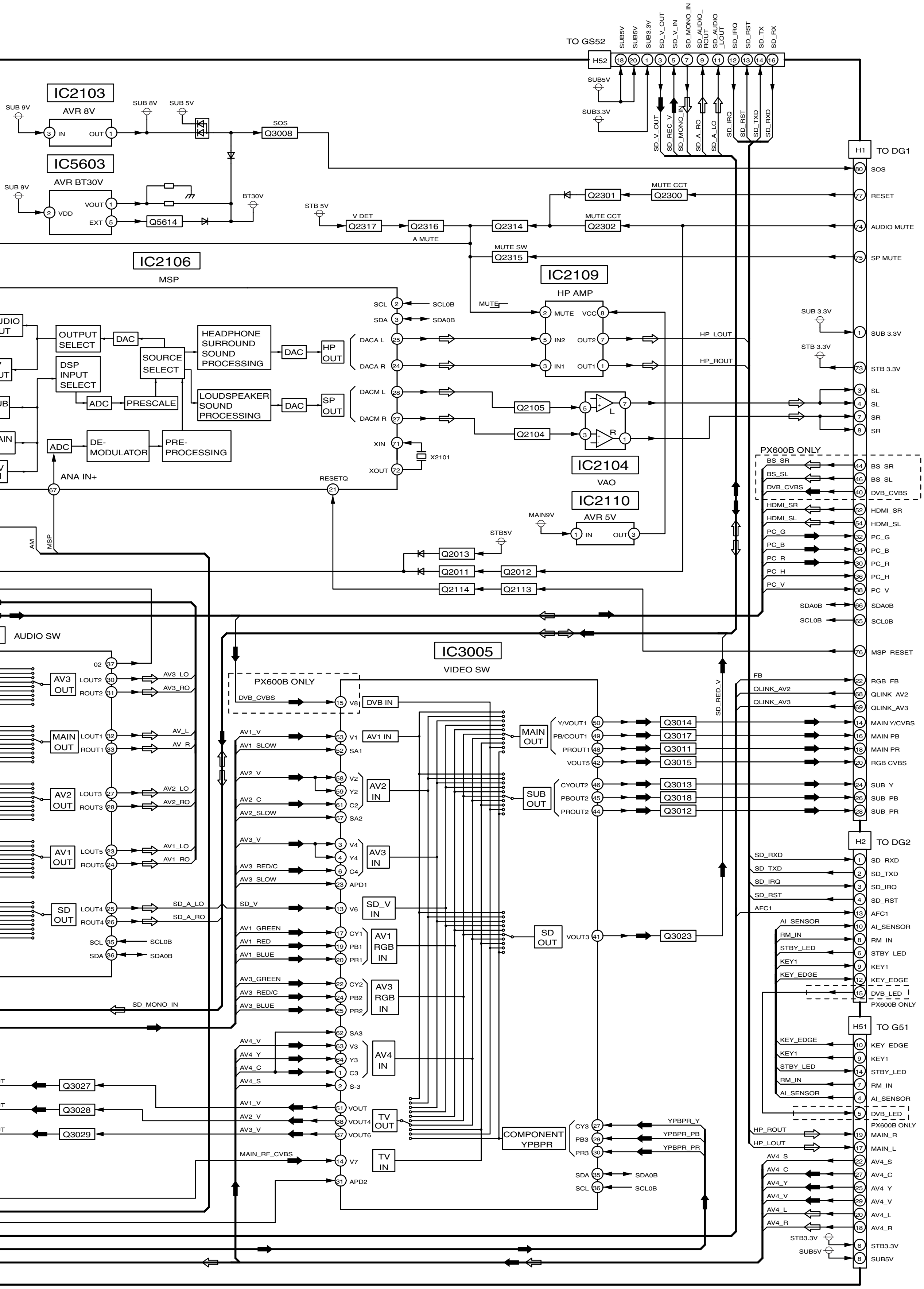

SOUND_SOS
MAIN9V
Q2300
2SA207700L
R2360 10k
R2359 2.2k
R2361 5.6k
C2374 10V 1u
Q2301
B1ABCF000138
R2366 4.7k
D2309 MA2J11100L
R2363 470
R2362 15k
C2373 50V 0.1u
D2308 MA3X152E0L
R2364 47k
TO P-BOARD (P5)
PA5
+15V
GND
GNDs
R2357 0
R2368 0
L2308 3.9u
C2301 25V 470u
R2397 0
R2398 0
L2302 G0C330MA0049
L2303 G0C330MA0049
C2334 25V 0.1u
C2335 25V 0.1u
C2336 50V 0.47u
C2341 25V 10u
C2342 25V 1u
R2332 10k
R2349 100
C2337 25V 0.22u
C2338 25V 0.22u
C2393 16V 1u
Q2302
B1ABCF000138
R2384 715
C2385 10V 1u
W-R
W-L
C2317 10V 1u
C2320 10V 1u
R2383 3.74k
R2421 1.62k
R2422 787
C2417 6.3V 10u
R2323 0
R2324 0
C2394 16V 1u
Q2303
B1ABCF000138
R2387 715
C2387 10V 1u
R2328 0
R2388 3.74k
R2409 1.62k
R2410 787
C2402 6.3V 10u
C2403 50V 0.01u
R2407 1.24k
R2408 1.07k
Thermal Pad
IC2302
C1AB00002451
SPEAKER AMP
C2330 25V 1u
C2333 25V 470u
C2328 25V 1u
C2329 25V 1u
C2332 25V 470u
C2331 25V 1u
C2323 25V 0.22u
C2324 25V 0.22u
R2325 10k
R2329 100k
C2321 50V 0.01u
C2322 10V 1u
L2300 G0C330MA0049
C2325 25V 0.1u
C2327 50V 0.47u
L2301 G0C330MA0049
C2326 25V 0.1u
TO WOOFER/SPEAKER (W-R & W-L)
PA2
W_R+
W_R-
NC
W_L-
W_L+
R2358 0
L2306 G0C330MA0049
C2363 25V 0.1u
C2364 25V 0.1u
C2365 50V 0.47u
L2307 G0C330MA0049
R2350 100
C2370 25V 10u
C2371 25V 1u
R2351 10k
C2366 25V 0.22u
C2367 25V 0.22u
Q2304
B1ABCF000138
C2395 16V 1u
R2391 2.8k
C2389 10V 1u
SQ-R
SQ-L
R2392 1.65k
R2423 1.5k
R2424 787
C2418 6.3V 10u
C2346 10V 1u
C2349 10V 1u
R2342 0
R2343 0
R2352 0
C2396 16V 1u
Q2305
B1ABCF000138
R2395 2.8k
R2396 1.65k
C2391 10V 1u
R2419 1.5k
R2420 787
C2405 6.3V 10u
IC2303
C1AB00002452
SQUAKER AMP
C2359 25V 1u
C2362 25V 470u
C2357 25V 1u
C2358 25V 1u
C2361 25V 470u
C2360 25V 1u
R2348 100k
C2350 50V 0.01u
C2351 10V 1u
C2352 25V 0.22u
C2353 25V 0.22u
L2304 G0C330MA0049
C2354 25V 0.1u
C2356 50V 0.47u
L2305 G0C330MA0049
C2355 25V 0.1u
TO SQUAKER (SQ-R & SQ-L)
PA1
SQ_R+
SQ_R-
SQ_L-
SQ_L+
R2417 1.24k
R2418 1k
ZA5600 K4CZ01000027
ZA5601 K4CZ01000027
15V

TH-37/42PV600E, TH-37/42PX600B
PA-Board (3 of 3) Schematic Diagram

9 20 21 22 23

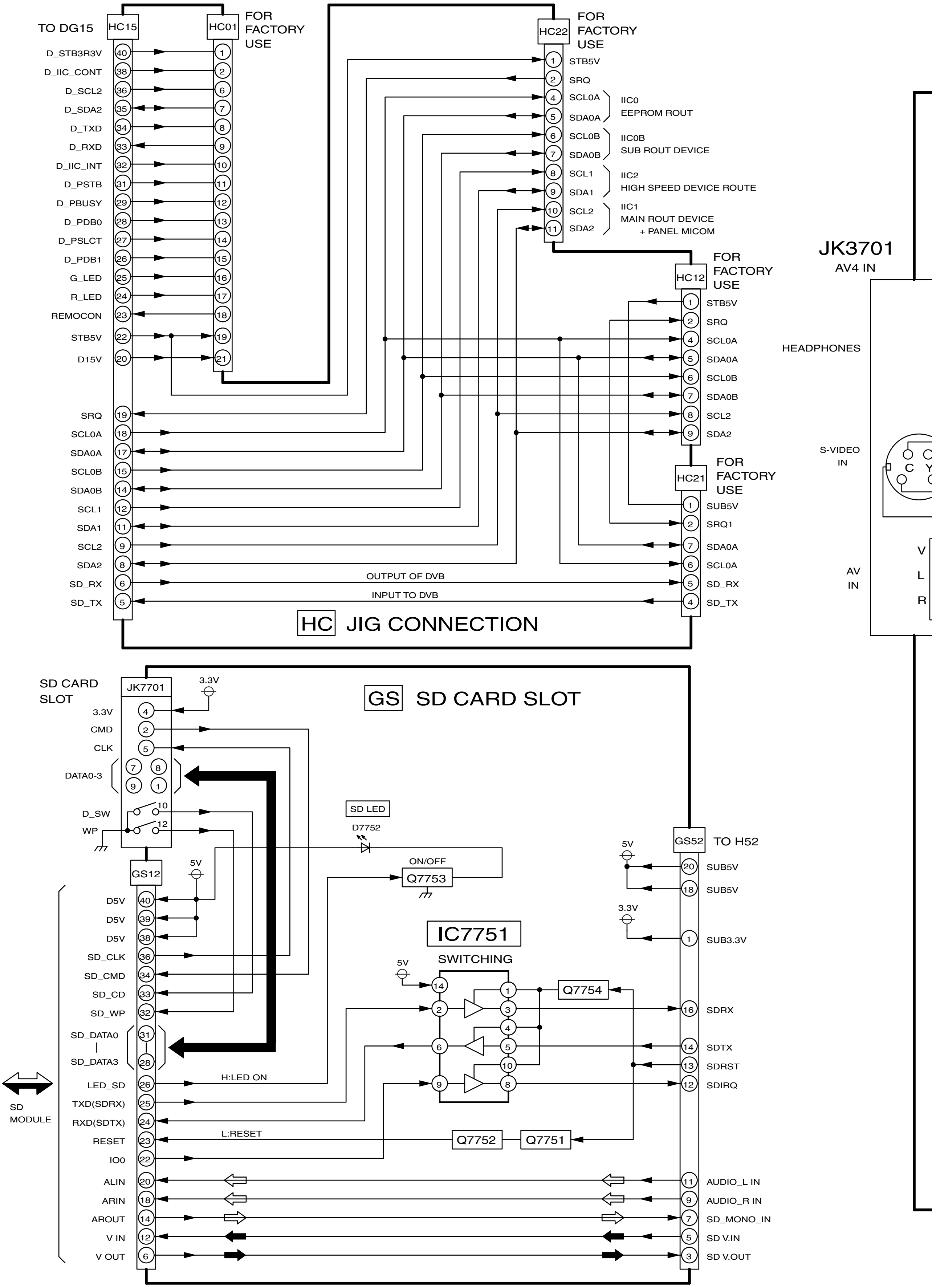
14.22. H and TA-Board Block Diagram


H
AV TERMINAL/AV SWITCH/MSP
TO PA40
H40
STB 5V
SUB 5V
SUB 9V
MAIN 9V
SUB 3.3V
MAIN 3.3V
A_MUTE
AUDIO IN
JK2003
AUDIO_L
AUDIO_R
PC_LIN
PC_RIN
AUDIO OUT
JK2002
Q2001
Q2002
Q2102
Q2103
MUTE
PC IN
JK3001
PC_R
PC_G
PC_B
Q3333
Q3332
Q3331
IC3301
PC_V
PC_H
BUFFER
AV1
JK3002
SCART
VIDEO IN
TV VIDEO OUT
FB IN
RED IN
SDA2
GREEN IN
SCL2
AV1 SLOW
BLUE IN
L IN
TV L OUT
R IN
TV R OUT
AV1_V
AV1_VOUT
AV1_RED
AV1_GREEN
AV1_SLOW
AV1_BLUE
AV1_L
AV1_R
Q3024
SDA0B
SW
Q3005
SCL0B
Q3001
AV1_LOUT
AV1_ROUT
Q2010
Q2009
AV2
JK3003
SCART
VIDEO OUT
CHROMA IN
Q-LINK
AV2 SLOW
AV2_V
AV2_VOUT
AV2_C
QLINK_AV2
AV2_SLOW
AV2_L
AV2_R
AV2_LOUT
AV2_ROUT
Q2006
Q2007
AV3
JK3004
SCART
BLK IN
AV3 SLOW
AV3_V
AV3_VOUT
AV3_RED/C
AV3_GREEN
QLINK_AV3
AV3_SLOW
AV3_BLUE
AV3_L
AV3_R
AV3_LOUT
AV3_ROUT
Q2003
Q2004
YPBPR
JK3005
COMPONENT
VIDEO
Y
PB
PR
YPBPR_Y
YPBPR_PB
YPBPR_PR
AV1_FB
AV3_FB
Q3016
Q3019
Q3020
Q3021
Q3022
FB
IC2103
AVR 8V
SUB 9V
IN
OUT
IC5603
AVR BT30V
VDD
VOUT
EXT
SC1OL
SC1OR
SC2OL
SC2OR
SC2IR
SC2IL
SC1IL
SC1IR
SC5IL
SC5IR
AUDIO OUT
TV OUT
SUB IN
MAIN IN
TV IN
OUTPUT SELECT
DSP INPUT SELECT
ADC
DE-MOD
ANA IN+
PV600E ONLY
AM
MSP
TV_L
TV_R
AV_L
AV_R
IC2105
AUDIO SW
PX600B ONLY
BS_SL
BS_SR
HDMI_SL
HDMI_SR
PC_LIN
PC_RIN
AV4_L
AV4_R
SD_MONO_IN
DVB IN
HDMI IN
TV IN
PC IN
AV1 IN
AV2 IN
AV3 IN
AV4 IN
SD IN
AV3 OUT
MAIN OUT
AV2 OUT
AV1 OUT
SD OUT
LOUT2
ROUT2
LOUT1
ROUT1
LOUT3
ROUT3
LOUT5
ROUT5
LOUT4
ROUT4
SCL
SDA
Q3027
Q3028
Q3029
AV1_VOUT
AV2_VOUT
AV3_VOUT
TA
TUNER
TU001
TUNER
TA6
TA5
H6
H5
BT30V
SUB 30V
SCL0B
SDA0B
BTL
S-CLOCK
S-DATA
SIF
AFT
RF AGC
VIDEO_OUT
AUDIO_OUT
Q003
Q002
SIF1(MSP)
AFT1
RFAGC1
MAIN VIDEO
SUB 5V
AM
SIF TRAP
Q2106,Q2108
MSP
AFC1
PV600E ONLY
H15
AGC

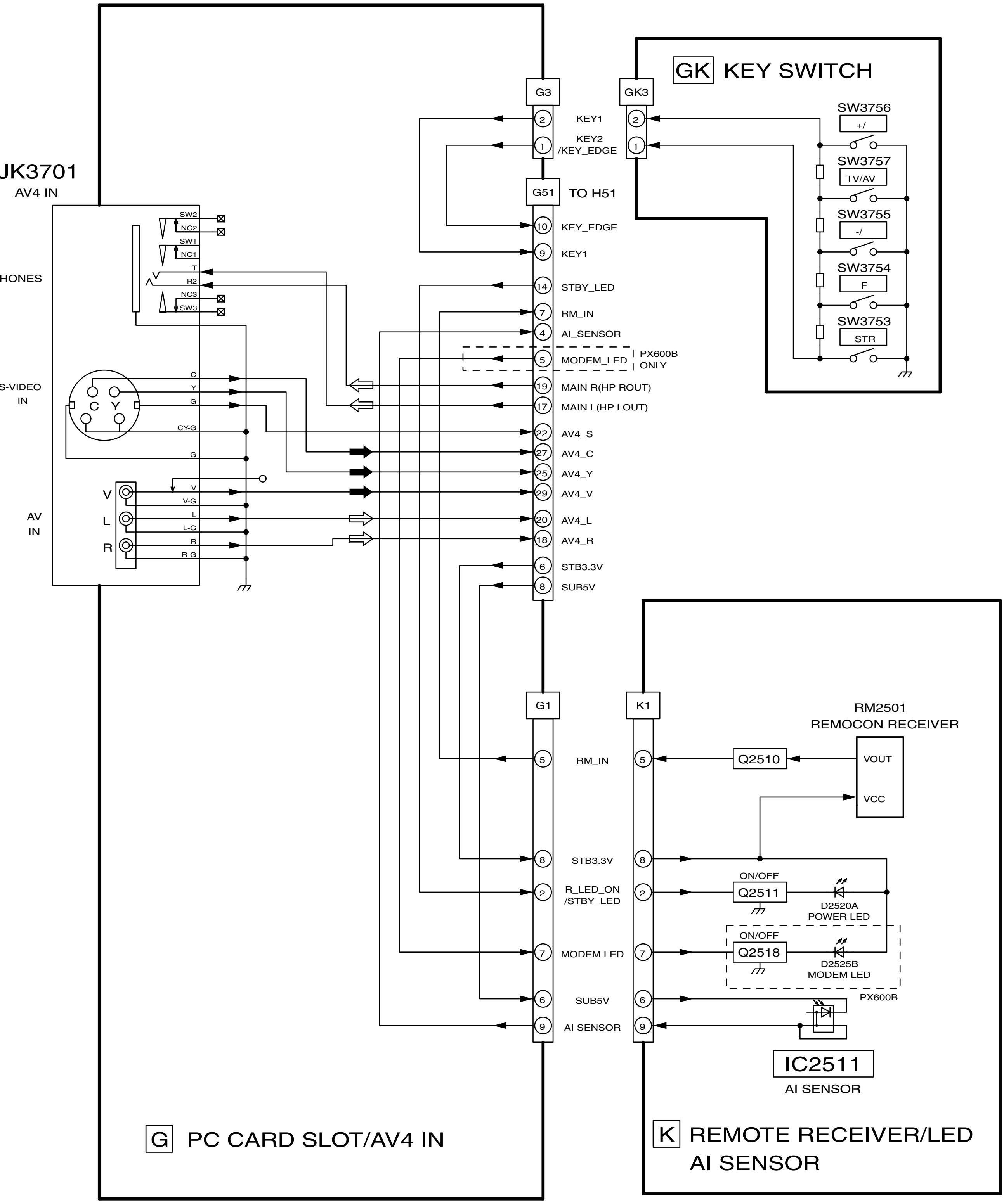

TO GS52
H52
SUB5V
SUB3.3V
SD_V_OUT
SD_V_IN
SD_MONO_IN
SD_AUDIO_ROUT
SD_AUDIO_LOUT
SD_IRQ
SD_RST
SD_TX
SD_RX
IC2103
AVR 8V
SUB 9V
SUB 8V
SUB 5V
SOS
Q3008
IC5603
AVR BT30V
VOUT
VDD
EXT
Q5614
BT30V
STB 5V
V DET
Q2317
Q2316
A MUTE
Q2314
Q2301
Q2300
MUTE CCT
Q2302
MUTE SW
Q2315
IC2106
MSP
SCL
SDA
SCL0B
SDA0B
OUTPUT SELECT
DAC
DSP INPUT SELECT
SOURCE SELECT
HEADPHONE SURROUND SOUND PROCESSING
HP OUT
LOUDSPEAKER SOUND PROCESSING
SP OUT
ADC
PRESCALE
DE-MODULATOR
PRE-PROCESSING
ANA IN+
DACA L
DACA R
DACM L
DACM R
XIN
XOUT
X2101
RESETQ
IC2109
HP AMP
MUTE
VCC
IN2
IN1
OUT2
OUT1
HP_LOUT
HP_ROUT
Q2105
Q2104
IC2104
VAO
IC2110
AVR 5V
MAIN9V
STB5V
Q2013
Q2011
Q2012
Q2114
Q2113
AM
MSP
AUDIO SW
AV3 OUT
MAIN OUT
AV2 OUT
AV1 OUT
SD OUT
AV3_LO
AV3_RO
AV_L
AV_R
AV2_LO
AV2_RO
AV1_LO
AV1_RO
SD_A_LO
SD_A_RO
SD_MONO_IN
IC3005
VIDEO SW
PX600B ONLY
DVB_CVBS
DVB IN
AV1 IN
AV2 IN
AV3 IN
SD_V IN
AV1 RGB IN
AV3 RGB IN
AV4 IN
TV OUT
TV IN
MAIN OUT
SUB OUT
SD OUT
COMPONENT YPBPR
Q3014
Q3017
Q3011
Q3015
Q3013
Q3018
Q3012
Q3023
Q3027
Q3028
Q3029
MAIN_RF_CVBS
YPBPR_Y
YPBPR_PB
YPBPR_PR
SD_RED_V
H1
TO DG1
SOS
RESET
AUDIO MUTE
SP MUTE
SUB 3.3V
STB 3.3V
SL
SR
BS_SR
BS_SL
DVB_CVBS
HDMI_SR
HDMI_SL
PC_G
PC_B
PC_R
PC_H
PC_V
SDA0B
SCL0B
MSP_RESET
RGB_FB
QLINK_AV2
QLINK_AV3
MAIN Y/CVBS
MAIN PB
MAIN PR
RGB CVBS
SUB_Y
SUB_PB
SUB_PR
H2
TO DG2
SD_RXD
SD_TXD
SD_IRQ
SD_RST
AFC1
AI_SENSOR
RM_IN
STBY_LED
KEY1
KEY_EDGE
DVB_LED
H51
TO G51
MAIN_R
MAIN_L
AV4_S
AV4_C
AV4_Y
AV4_V
AV4_L
AV4_R
STB3.3V
SUB5V

TH-37/42PV600E, TH-37/42PX600B
H and TA-Board Block Diagram

14.23. G, GK, HC and K-Board Block Diagram

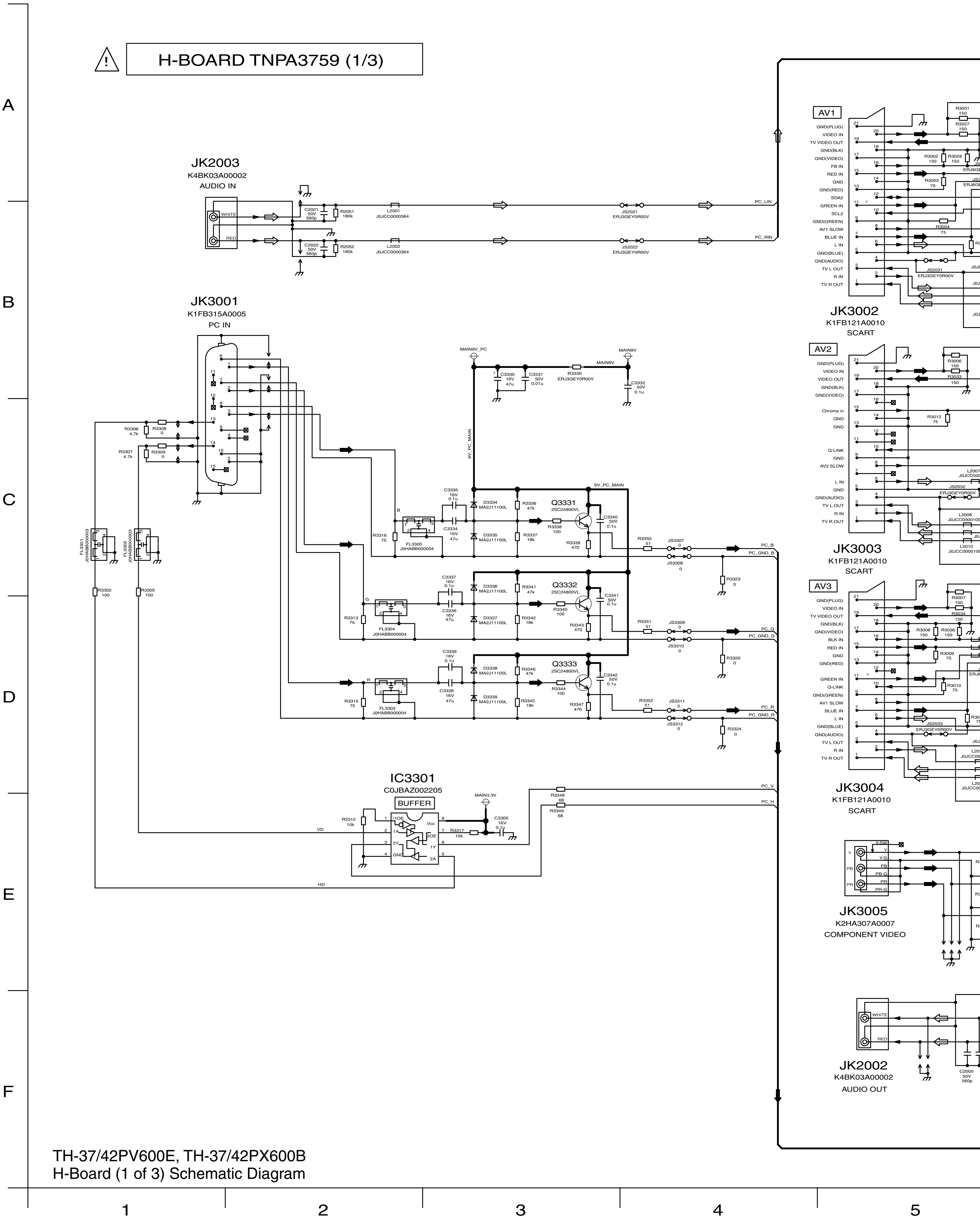

TO DG15
HC15
HC01
FOR FACTORY USE
HC22
FOR FACTORY USE
D_STB3R3V
D_IIC_CONT
D_SCL2
D_SDA2
D_TXD
D_RXD
D_IIC_INT
D_PSTB
D_PBUSY
D_PDB0
D_PSLCT
D_PDB1
G_LED
R_LED
REMOCON
STB5V
D15V
SRQ
SCL0A
SDA0A
SCL0B
SDA0B
SCL1
SDA1
SCL2
SDA2
SD_RX
SD_TX
STB5V
SRQ
SCL0A
SDA0A
IIC0
EEPROM ROUT
SCL0B
SDA0B
IIC0B
SUB ROUT DEVICE
SCL1
SDA1
IIC2
HIGH SPEED DEVICE ROUTE
SCL2
SDA2
IIC1
MAIN ROUT DEVICE
+ PANEL MICOM
HC12
FOR FACTORY USE
STB5V
SRQ
SCL0A
SDA0A
SCL0B
SDA0B
SCL2
SDA2
HC21
FOR FACTORY USE
SUB5V
SRQ1
SDA0A
SCL0A
SD_RX
SD_TX
OUTPUT OF DVB
INPUT TO DVB
HC JIG CONNECTION
JK3701
AV4 IN
HEADPHONES
S-VIDEO IN
C
Y
AV IN
V
L
R
SD CARD SLOT
JK7701
3.3V
3.3V
CMD
CLK
DATA0-3
D_SW
WP
GS SD CARD SLOT
SD LED
D7752
ON/OFF
Q7753
GS12
5V
D5V
D5V
D5V
SD_CLK
SD_CMD
SD_CD
SD_WP
SD_DATA0
|
SD_DATA3
LED_SD
TXD(SDRX)
RXD(SDTX)
RESET
IO0
ALIN
ARIN
AROUT
V IN
V OUT
SD MODULE
H:LED ON
L:RESET
IC7751
SWITCHING
5V
Q7754
Q7752
Q7751
GS52
TO H52
5V
SUB5V
SUB5V
3.3V
SUB3.3V
SDRX
SDTX
SDRST
SDIRQ
AUDIO_L IN
AUDIO_R IN
SD_MONO_IN
SD V.IN
SD V.OUT

TH-37/42PV600E, TH-37/42PX600B
G, GK, GS, HC and K-Board Block Diagram

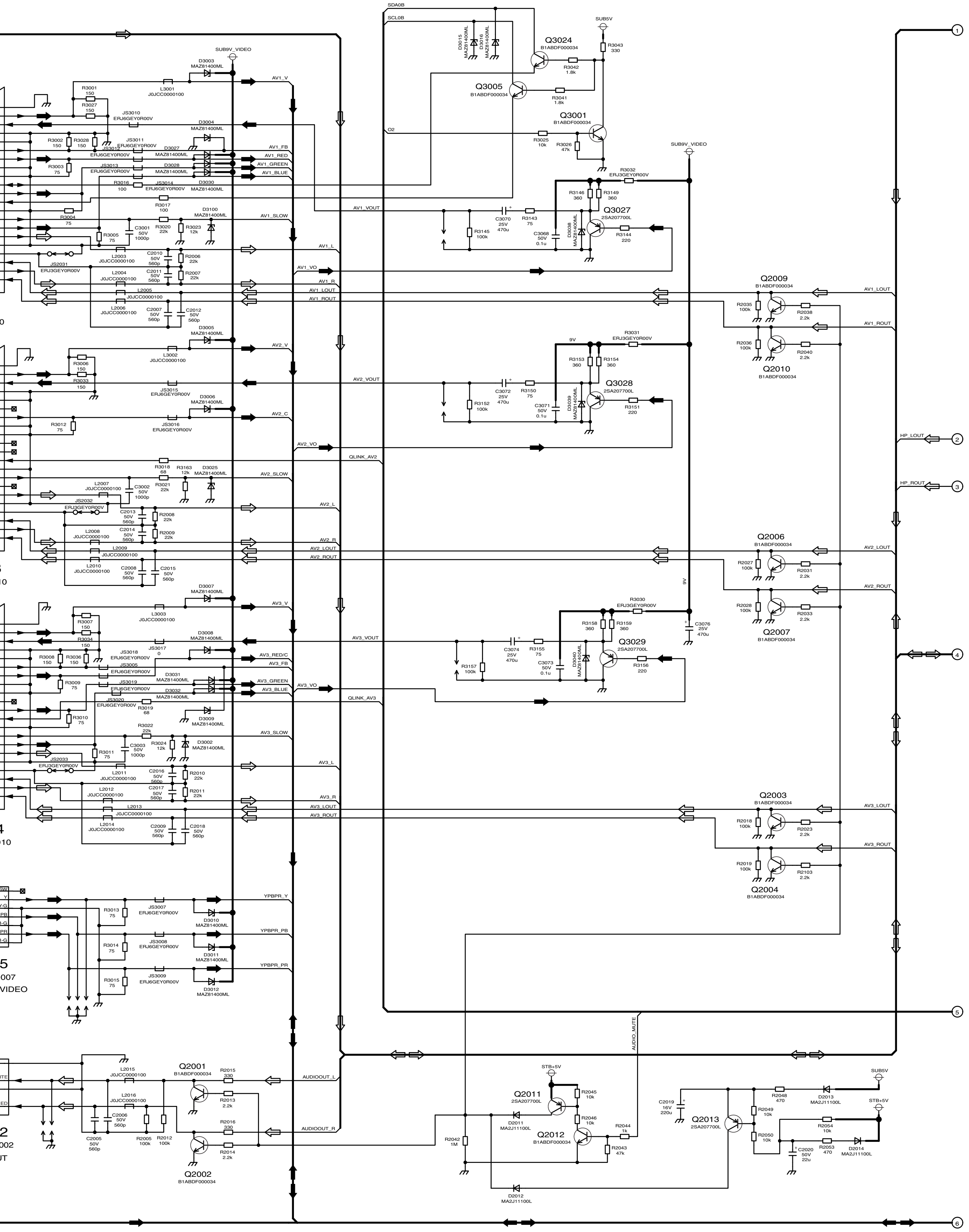

GK KEY SWITCH
GK3
SW3756
+/
SW3757
TV/AV
SW3755
-/
SW3754
F
SW3753
STR
G3
KEY1
KEY2
/KEY_EDGE
G51
TO H51
KEY_EDGE
KEY1
STBY_LED
RM_IN
AI_SENSOR
MODEM_LED
PX600B
ONLY
MAIN R(HP ROUT)
MAIN L(HP LOUT)
AV4_S
AV4_C
AV4_Y
AV4_V
AV4_L
AV4_R
STB3.3V
SUB5V
JK3701
AV4 IN
HONES
SW2
NC2
SW1
NC1
T
R2
NC3
SW3
S-VIDEO
IN
C
Y
G
CY-G
G
V
V-G
L
L-G
R
R-G
AV
IN
V
L
R
G1
RM_IN
STB3.3V
R_LED_ON
/STBY_LED
MODEM LED
SUB5V
AI SENSOR
K1
RM2501
REMOCON RECEIVER
Q2510
VOUT
VCC
ON/OFF
Q2511
D2520A
POWER LED
ON/OFF
Q2518
D2525B
MODEM LED
PX600B
IC2511
AI SENSOR
G PC CARD SLOT/AV4 IN
K REMOTE RECEIVER/LED
AI SENSOR

TH-37/42PV600E, TH-37/42PX600B
G, GK, GS, HC and K-Board Block Diagram

14.24. H-Board (1 of 3)Schematic Diagram

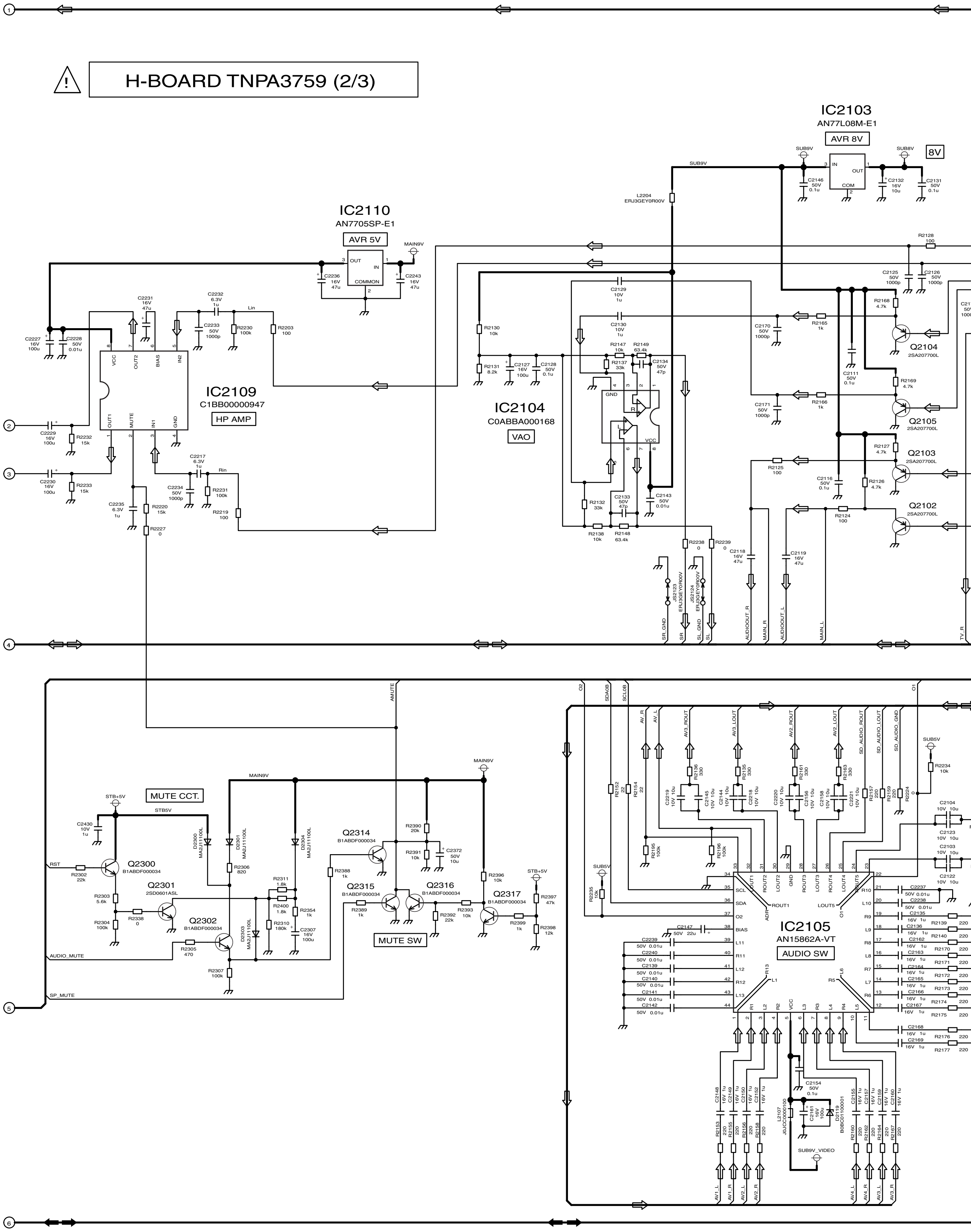

H-BOARD TNPA3759 (1/3)
A
B
C
D
E
F
1
2
3
4
5
JK2003
K4BK03A00002
AUDIO IN
WHITE
RED
C2021 50V 560p
R2051 180k
L2001 J0JCC0000364
C2022 50V 560p
R2052 180k
L2002 J0JCC0000364
JS2021 ERJ3GEY0R00V
JS2022 ERJ3GEY0R00V
PC_LIN
PC_RIN
JK3001
K1FB315A0005
PC IN
R3306 4.7k
R3308 0
R3307 4.7k
R3309 0
FL3301 J0HABB000003
FL3302 J0HABB000003
R3302 100
R3305 100
MAIN9V_PC
MAIN9V
C3330 16V 47u
C3331 50V 0.01u
R3330 ERJ3GEY0R00V
C3332 50V 0.1u
9V_PC_MAIN
C3335 16V 0.1u
C3334 16V 47u
FL3305 J0HABB000004
R3318 75
D3334 MA2J11100L
D3335 MA2J11100L
R3336 47k
R3337 18k
R3338 100
Q3331 2SC24800VL
C3340 50V 0.1u
R3339 470
R3350 51
JS3307 0
JS3308 0
R3323 0
PC_B
PC_GND_B
C3337 16V 0.1u
C3336 16V 47u
FL3304 J0HABB000004
R3313 75
D3336 MA2J11100L
D3337 MA2J11100L
R3341 47k
R3342 18k
R3340 100
Q3332 2SC24800VL
C3341 50V 0.1u
R3343 470
R3351 51
JS3309 0
JS3310 0
R3320 0
PC_G
PC_GND_G
C3339 16V 0.1u
C3338 16V 47u
FL3303 J0HABB000004
R3310 75
D3338 MA2J11100L
D3339 MA2J11100L
R3346 47k
R3345 18k
R3344 100
Q3333 2SC24800VL
C3342 50V 0.1u
R3347 470
R3352 51
JS3311 0
JS3312 0
R3324 0
PC_R
PC_GND_R
IC3301
C0JBAZ002205
BUFFER
MAIN3.3V
R3312 10k
R3317 10k
C3305 16V 0.1u
R3348 68
R3349 68
PC_V
PC_H
VD
HD
AV1
JK3002
K1FB121A0010
SCART
AV2
JK3003
K1FB121A0010
SCART
AV3
JK3004
K1FB121A0010
SCART
JK3005
K2HA307A0007
COMPONENT VIDEO
JK2002
K4BK03A00002
AUDIO OUT
C2005 50V 560p

TH-37/42PV600E, TH-37/42PX600B
H-Board (1 of 3) Schematic Diagram


SDA0B
SCL0B
SUB5V
Q3024
B1ABDF000034
Q3005
Q3001
Q3027
2SA207700L
Q3028
Q3029
Q2009
Q2010
Q2006
Q2007
Q2003
Q2004
Q2001
Q2002
Q2011
Q2012
Q2013
SUB9V_VIDEO
AV1_V
AV1_FB
AV1_RED
AV1_GREEN
AV1_BLUE
AV1_SLOW
AV1_L
AV1_VO
AV1_R
AV1_LOUT
AV1_ROUT
AV1_VOUT
AV2_V
AV2_C
AV2_VO
AV2_VOUT
AV2_SLOW
AV2_L
AV2_R
AV2_LOUT
AV2_ROUT
QLINK_AV2
AV3_V
AV3_VOUT
AV3_RED/C
AV3_FB
AV3_GREEN
AV3_BLUE
AV3_VO
QLINK_AV3
AV3_SLOW
AV3_L
AV3_R
AV3_LOUT
AV3_ROUT
YPBPR_Y
YPBPR_PB
YPBPR_PR
AUDIOOUT_L
AUDIOOUT_R
AUDIO_MUTE
HP_LOUT
HP_ROUT
STB+5V
9V
O2
1
2
3
4
5
6
5
6
7
8
9

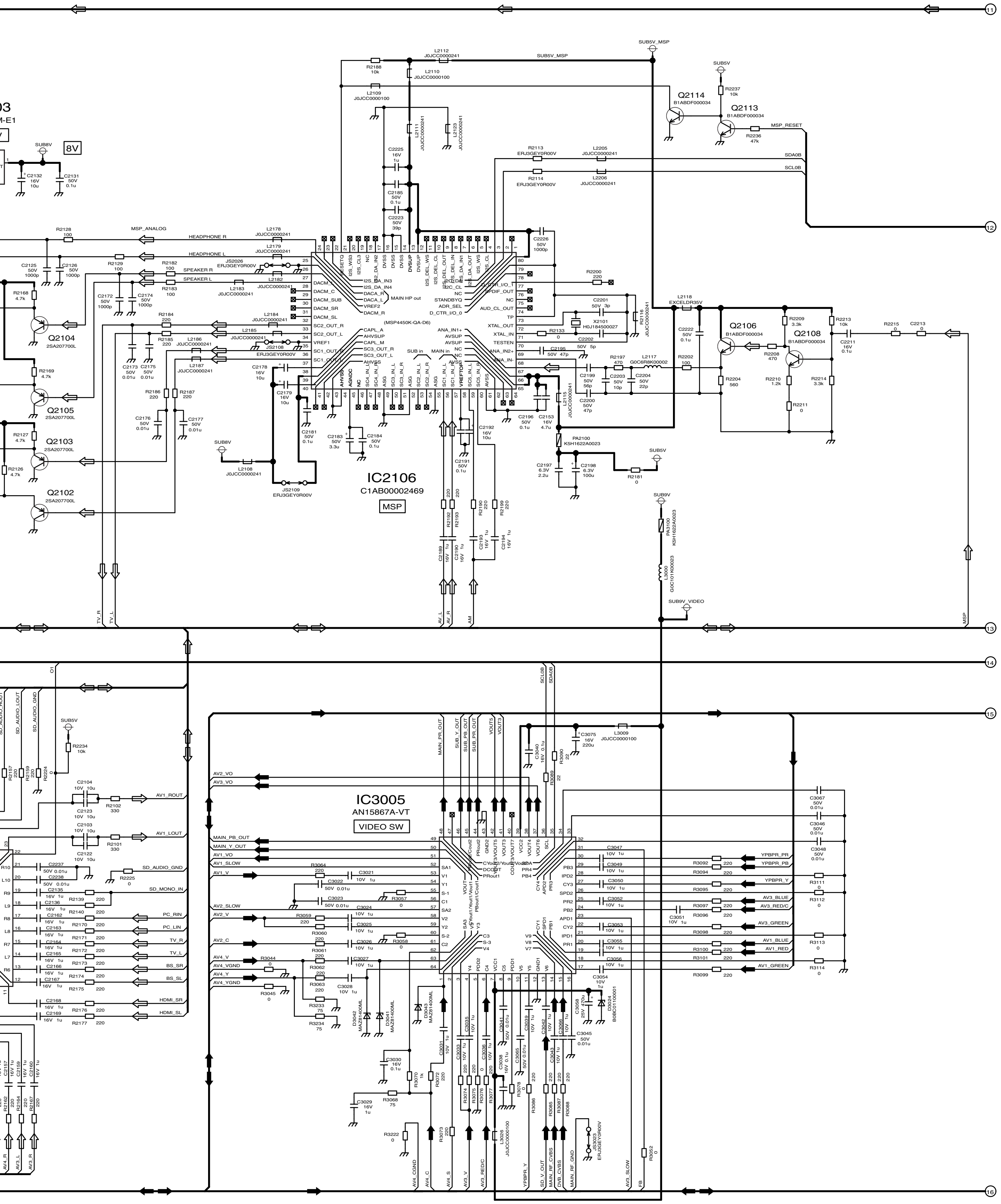
TH-37/42PV600E, TH-37/42PX600B H-Board (1 of 3) Schematic Diagram

14.25. H-Board (2 of 3)Schematic Diagram


H-BOARD TNPA3759 (2/3)
IC2103
AN77L08M-E1
AVR 8V
8V
SUB9V
SUB8V
IC2110
AN7705SP-E1
AVR 5V
MAIN9V
IC2109
C1BB00000947
HP AMP
IC2104
C0ABBA000168
VAO
Q2104
2SA207700L
Q2105
2SA207700L
Q2103
2SA207700L
Q2102
2SA207700L
MUTE CCT.
STB+5V
STB5V
Q2300
B1ABDF000034
Q2301
2SD0601ASL
Q2302
B1ABDF000034
Q2314
B1ABDF000034
Q2315
B1ABDF000034
Q2316
B1ABDF000034
Q2317
B1ABDF000034
MUTE SW
RST
AUDIO_MUTE
SP_MUTE
AMUTE
IC2105
AN15862A-VT
AUDIO SW
SUB5V
SUB9V_VIDEO
SR_GND
SR
SL_GND
SL
AUDIOOUT_R
MAIN_R
AUDIOOUT_L
MAIN_L
TV_R
AV_R
AV_L
AV3_ROUT
AV3_LOUT
AV2_ROUT
AV2_LOUT
SD_AUDIO_ROUT
SD_AUDIO_LOUT
SD_AUDIO_GND
O2
O1
SDA08
SCL08
AV1_L
AV1_R
AV2_L
AV2_R
AV4_L
AV4_R
AV3_L
AV3_R
1
2
3
4
5
6

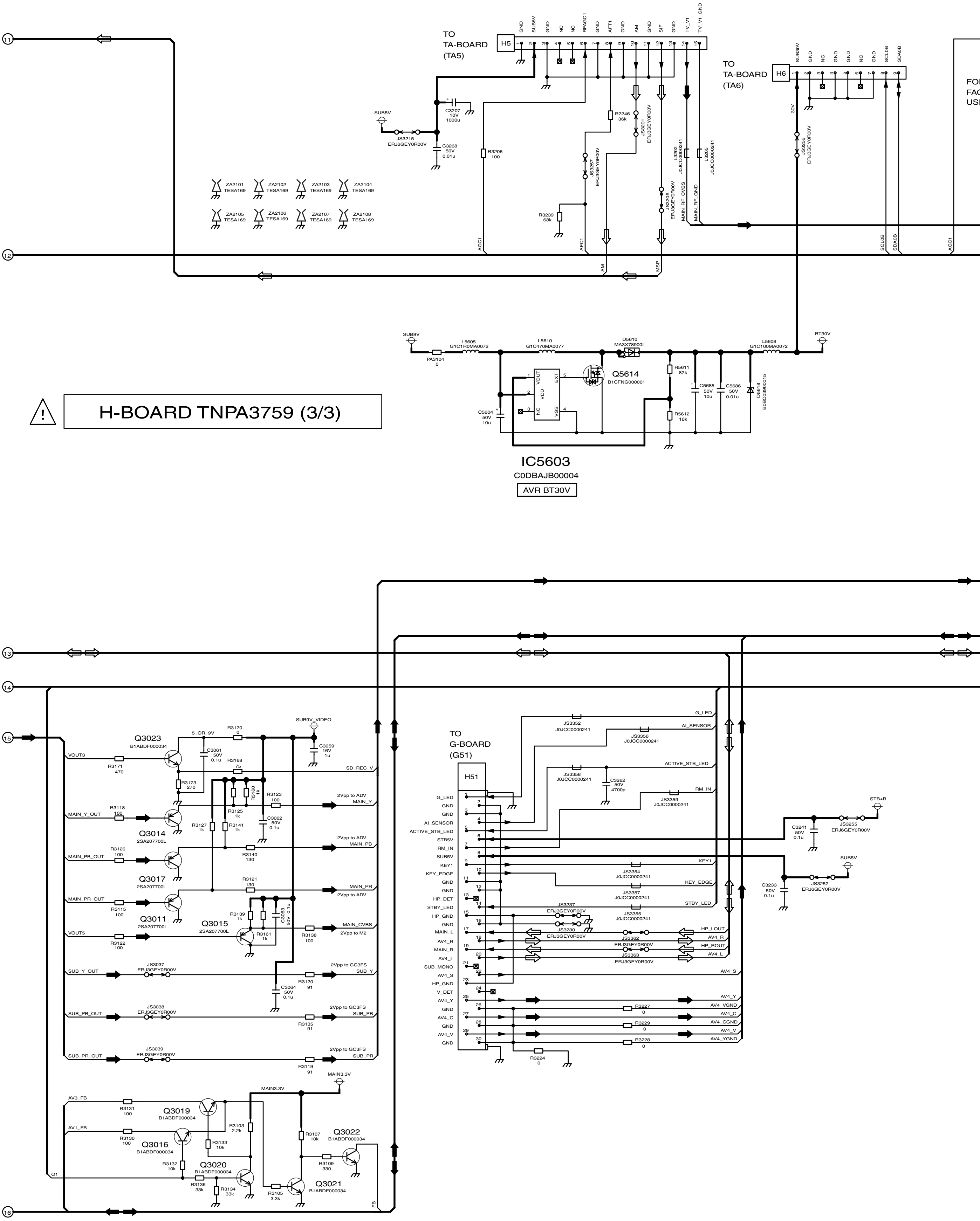
TH-37/42PV600E, TH-37/42PX600B H-Board (2 of 3) Schematic Diagram

10 11 12 13 14


IC2106
C1AB00002469
MSP
(MSP4450K-QA-D6)
IC3005
AN15867A-VT
VIDEO SW
Q2114
B1ABDF000034
Q2113
B1ABDF000034
Q2106
B1ABDF000034
Q2108
B1ABDF000034
Q2104
2SA207700L
Q2105
2SA207700L
Q2103
2SA207700L
Q2102
2SA207700L
SUB5V_MSP
SUB5V
SUB8V
8V
SUB9V
SUB9V_VIDEO
MSP_RESET
SDA0B
SCL0B
MSP_ANALOG
HEADPHONE R
HEADPHONE L
SPEAKER R
SPEAKER L
MAIN HP out
SUB in
MAIN in
TV_R
TV_L
AV_L
AV_R
AM
MSP
AV2_VO
AV3_VO
AV1_ROUT
AV1_LOUT
SD_AUDIO_GND
SD_MONO_IN
PC_RIN
PC_LIN
TV_R
TV_L
BS_SR
BS_SL
HDMI_SR
HDMI_SL
MAIN_PB_OUT
MAIN_Y_OUT
AV1_VO
AV1_SLOW
AV1_V
AV2_SLOW
AV2_V
AV2_C
AV4_V
AV4_VGND
AV4_Y
AV4_YGND
MAIN_PR_OUT
SUB_Y_OUT
SUB_PB_OUT
SUB_PR_OUT
VOUT5
VOUT3
SCL0B
SDA0B
YPBPR_PR
YPBPR_PB
YPBPR_Y
AV3_BLUE
AV3_RED/C
AV3_GREEN
AV1_BLUE
AV1_RED
AV1_GREEN
AV4_CGND
AV4_C
AV4_S
AV3_V
AV3_RED/C
YPBPR_Y
SD_V_OUT
MAIN_RF_CVBS
DVB_CVBS
MAIN_RF_GND
AV3_SLOW
FB
AV4_R
AV4_L
AV3_R
11
12
13
14
15
16
14
15
16
17
18

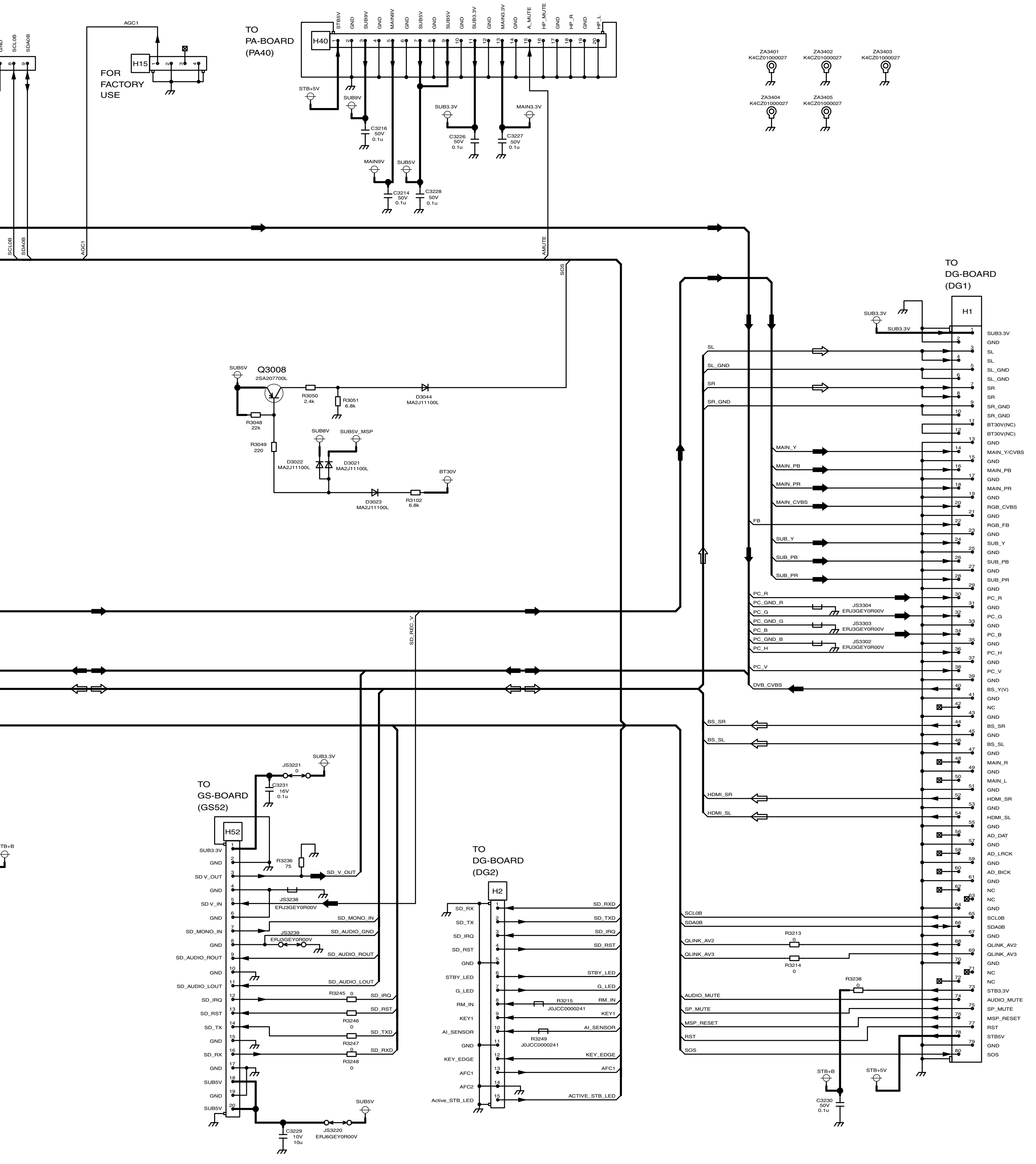
TH-37/42PV600E, TH-37/42PX600B H-Board (2 of 3) Schematic Diagram

14.26. H-Board (3 of 3)Schematic Diagram



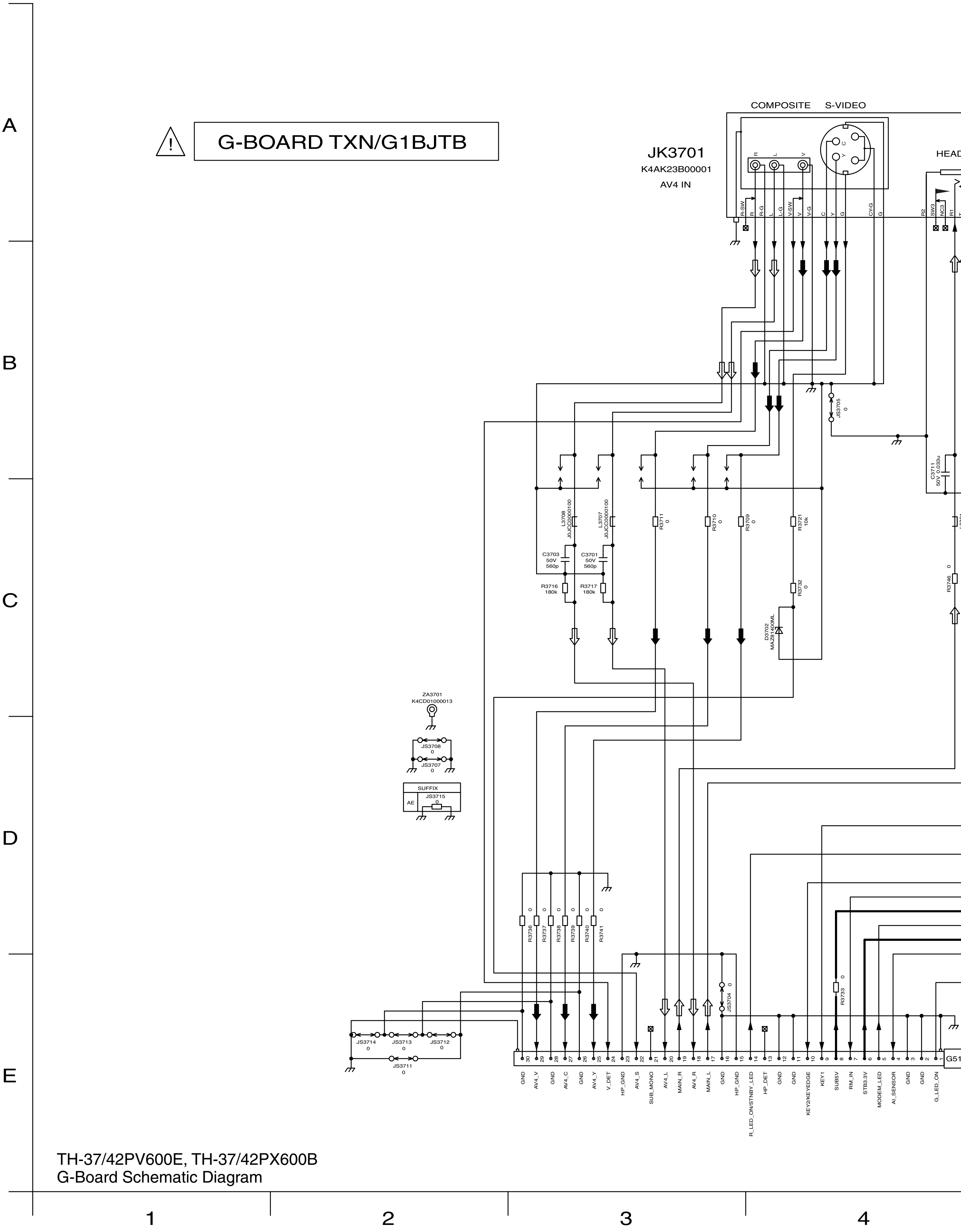
11
12
13
14
15
16
TO
TA-BOARD
(TA5)
H5
GND
SUB5V
GND
NC
NC
RFAGC1
GND
AFT1
GND
AM
GND
SIF
GND
TV_V1
TV_V1_GND
TO
TA-BOARD
(TA6)
H6
SUB30V
GND
NC
GND
GND
NC
GND
SCL0B
SDA0B
SUB5V
JS3215
ERJ6GEY0R00V
C3207
10V
1000u
C3268
50V
0.01u
R3206
100
R2246
36k
JS3201
ERJ3GEY0R00V
JS3257
ERJ3GEY0R00V
R3239
68k
JS3206
ERJ3GEY0R00V
L3202
J0JCC0000241
L3205
J0JCC0000241
MAIN_RF_CVBS
MAIN_RF_GND
30V
JS3256
ERJ3GEY0R00V
ZA2101
TESA169
ZA2102
TESA169
ZA2103
TESA169
ZA2104
TESA169
ZA2105
TESA169
ZA2106
TESA169
ZA2107
TESA169
ZA2108
TESA169
AGC1
AFC1
AM
MSP
SCL0B
SDA0B
AGC1
SUB9V
PA3104
0
L5605
G1C1R0MA0072
L5610
G1C470MA0077
D5610
MA3X78900L
L5608
G1C100MA0072
BT30V
Q5614
B1CFNG000001
R5611
82k
R5612
16k
C5685
50V
10u
C5686
50V
0.01u
D5618
B0BC03900015
C5604
50V
10u
VOUT
VDD
NC
EXT
VSS
IC5603
C0DBAJB00004
AVR BT30V
H-BOARD TNPA3759 (3/3)
Q3023
B1ABDF000034
5_OR_9V
R3170
0
SUB9V_VIDEO
C3061
50V
0.1u
C3059
16V
1u
VOUT3
R3171
470
R3168
75
SD_REC_V
R3173
270
R3160
1k
R3123
100
2Vpp to ADV
MAIN_Y
MAIN_Y_OUT
R3118
100
R3125
1k
C3062
50V
0.1u
R3127
1k
R3141
1k
Q3014
2SA207700L
MAIN_PB_OUT
R3126
100
R3140
130
2Vpp to ADV
MAIN_PB
Q3017
2SA207700L
R3121
130
MAIN_PR
2Vpp to ADV
MAIN_PR_OUT
R3115
100
R3139
1k
C3063
50V 0.1u
Q3011
2SA207700L
Q3015
2SA207700L
VOUT5
R3122
100
R3161
1k
R3138
100
MAIN_CVBS
2Vpp to M2
SUB_Y_OUT
JS3037
ERJ3GEY0R00V
C3064
50V
0.1u
R3120
91
2Vpp to GC3FS
SUB_Y
SUB_PB_OUT
JS3038
ERJ3GEY0R00V
R3135
91
2Vpp to GC3FS
SUB_PB
SUB_PR_OUT
JS3039
ERJ3GEY0R00V
R3119
91
2Vpp to GC3FS
SUB_PR
MAIN3.3V
MAIN3.3V
AV3_FB
R3131
100
Q3019
B1ABDF000034
AV1_FB
R3130
100
Q3016
B1ABDF000034
R3103
2.2k
R3133
10k
R3107
10k
Q3022
B1ABDF000034
R3132
10k
Q3020
B1ABDF000034
R3109
330
O1
R3136
33k
R3134
33k
R3105
3.3k
Q3021
B1ABDF000034
FB
TO
G-BOARD
(G51)
H51
G_LED
GND
GND
AI_SENSOR
ACTIVE_STB_LED
STB5V
RM_IN
SUB5V
KEY1
KEY_EDGE
GND
GND
HP_DET
STBY_LED
HP_GND
GND
MAIN_L
AV4_R
MAIN_R
AV4_L
SUB_MONO
AV4_S
HP_GND
V_DET
AV4_Y
GND
AV4_C
GND
AV4_V
GND
JS3352
J0JCC0000241
G_LED
JS3356
J0JCC0000241
AI_SENSOR
JS3358
J0JCC0000241
C3262
50V
4700p
ACTIVE_STB_LED
JS3359
J0JCC0000241
RM_IN
STB+B
C3241
50V
0.1u
JS3255
ERJ6GEY0R00V
SUB5V
KEY1
JS3354
J0JCC0000241
KEY_EDGE
C3233
50V
0.1u
JS3252
ERJ6GEY0R00V
JS3357
J0JCC0000241
STBY_LED
JS3237
ERJ3GEY0R00V
JS3355
J0JCC0000241
JS3230
ERJ3GEY0R00V
HP_LOUT
JS3362
ERJ3GEY0R00V
AV4_R
HP_ROUT
JS3363
ERJ3GEY0R00V
AV4_L
AV4_S
R3227
0
AV4_Y
AV4_VGND
R3229
0
AV4_C
AV4_CGND
R3228
0
AV4_V
AV4_YGND
R3224
0
FO
FA
US
19
20
21
22
23

TH-37/42PV600E, TH-37/42PX600B H-Board (3 of 3) Schematic Diagram

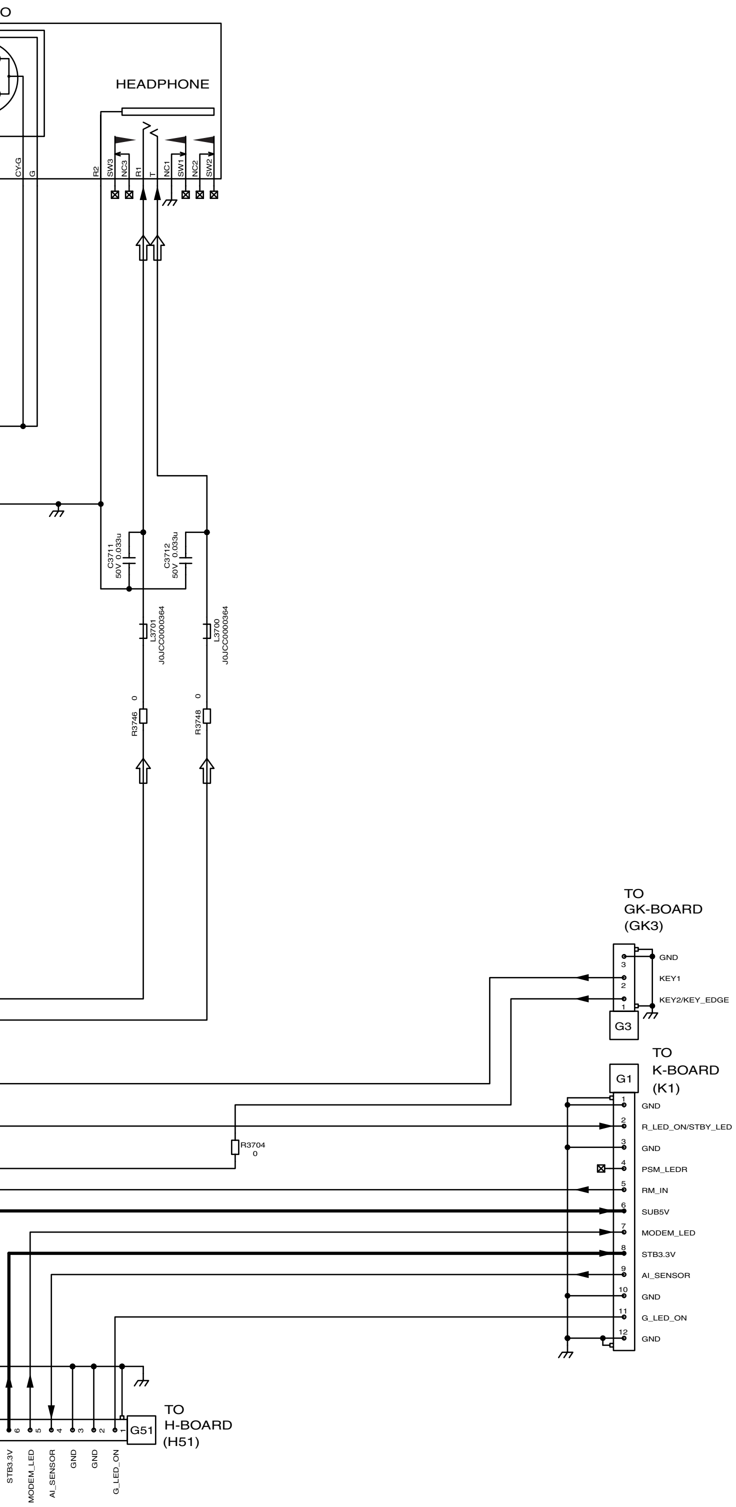

TO
PA-BOARD
(PA40)
H40
STB5V
GND
SUB9V
GND
MAIN9V
GND
SUB5V
GND
SUB5V
GND
SUB3.3V
GND
MAIN3.3V
GND
A_MUTE
HP_MUTE
GND
HP_R
GND
HP_L
FOR
FACTORY
USE
H15
AGC1
SCL0B
SDA0B
STB+5V
SUB9V
C3216
50V
0.1u
MAIN9V
SUB5V
C3214
50V
0.1u
C3228
50V
0.1u
SUB3.3V
C3226
50V
0.1u
MAIN3.3V
C3227
50V
0.1u
ZA3401
K4CZ01000027
ZA3402
K4CZ01000027
ZA3403
K4CZ01000027
ZA3404
K4CZ01000027
ZA3405
K4CZ01000027
AMUTE
SOS
SUB5V
Q3008
2SA207700L
R3050
2.4k
R3051
6.8k
D3044
MA2J11100L
R3048
22k
R3049
220
SUB8V
SUB5V_MSP
D3022
MA2J11100L
D3021
MA2J11100L
BT30V
D3023
MA2J11100L
R3102
6.8k
SD_REC_V
TO
DG-BOARD
(DG1)
H1
SUB3.3V
SUB3.3V
SL
SL_GND
SR
SR_GND
MAIN_Y
MAIN_PB
MAIN_PR
MAIN_CVBS
FB
SUB_Y
SUB_PB
SUB_PR
PC_R
PC_GND_R
PC_G
PC_GND_G
PC_B
PC_GND_B
PC_H
PC_V
JS3304
ERJ3GEY0R00V
JS3303
ERJ3GEY0R00V
JS3302
ERJ3GEY0R00V
DVB_CVBS
BS_SR
BS_SL
HDMI_SR
HDMI_SL
SCL0B
SDA0B
QLINK_AV2
QLINK_AV3
R3213
0
R3214
0
R3238
0
AUDIO_MUTE
SP_MUTE
MSP_RESET
RST
SOS
STB+B
STB+5V
C3230
50V
0.1u
SUB3.3V
GND
SL
SL
SL_GND
SL_GND
SR
SR
SR_GND
SR_GND
BT30V(NC)
BT30V(NC)
GND
MAIN_Y/CVBS
GND
MAIN_PB
GND
MAIN_PR
GND
RGB_CVBS
GND
RGB_FB
GND
SUB_Y
GND
SUB_PB
GND
SUB_PR
GND
PC_R
GND
PC_G
GND
PC_B
GND
PC_H
GND
PC_V
GND
BS_Y(V)
GND
NC
GND
BS_SR
GND
BS_SL
GND
MAIN_R
GND
MAIN_L
GND
HDMI_SR
GND
HDMI_SL
GND
AD_DAT
GND
AD_LRCK
GND
AD_BICK
GND
NC
NC
GND
SCL0B
SDA0B
GND
QLINK_AV2
QLINK_AV3
GND
NC
NC
STB3.3V
AUDIO_MUTE
SP_MUTE
MSP_RESET
RST
STB5V
GND
SOS
TO
GS-BOARD
(GS52)
H52
SUB3.3V
JS3221
0
C3231
16V
0.1u
R3236
75
SD_V_OUT
JS3238
ERJ3GEY0R00V
SD_MONO_IN
JS3239
ERJ3GEY0R00V
SD_AUDIO_GND
SD_AUDIO_ROUT
SD_AUDIO_LOUT
R3245
0
R3246
0
R3247
0
R3248
0
SD_IRQ
SD_RST
SD_TXD
SD_RXD
SUB3.3V
GND
SD V_OUT
GND
SD V_IN
GND
SD_MONO_IN
GND
SD_AUDIO_ROUT
GND
SD_AUDIO_LOUT
SD_IRQ
SD_RST
SD_TX
GND
SD_RX
GND
SUB5V
GND
SUB5V
STB+B
SUB5V
C3229
10V
10u
JS3220
ERJ6GEY0R00V
TO
DG-BOARD
(DG2)
H2
SD_RX
SD_TX
SD_IRQ
SD_RST
GND
STBY_LED
G_LED
RM_IN
KEY1
AI_SENSOR
GND
KEY_EDGE
AFC1
AFC2
Active_STB_LED
SD_RXD
SD_TXD
SD_IRQ
SD_RST
STBY_LED
G_LED
R3215
J0JCC0000241
RM_IN
KEY1
R3249
J0JCC0000241
AI_SENSOR
KEY_EDGE
AFC1
ACTIVE_STB_LED
23
24
25
26
27

TH-37/42PV600E, TH-37/42PX600B
H-Board (3 of 3) Schematic Diagram

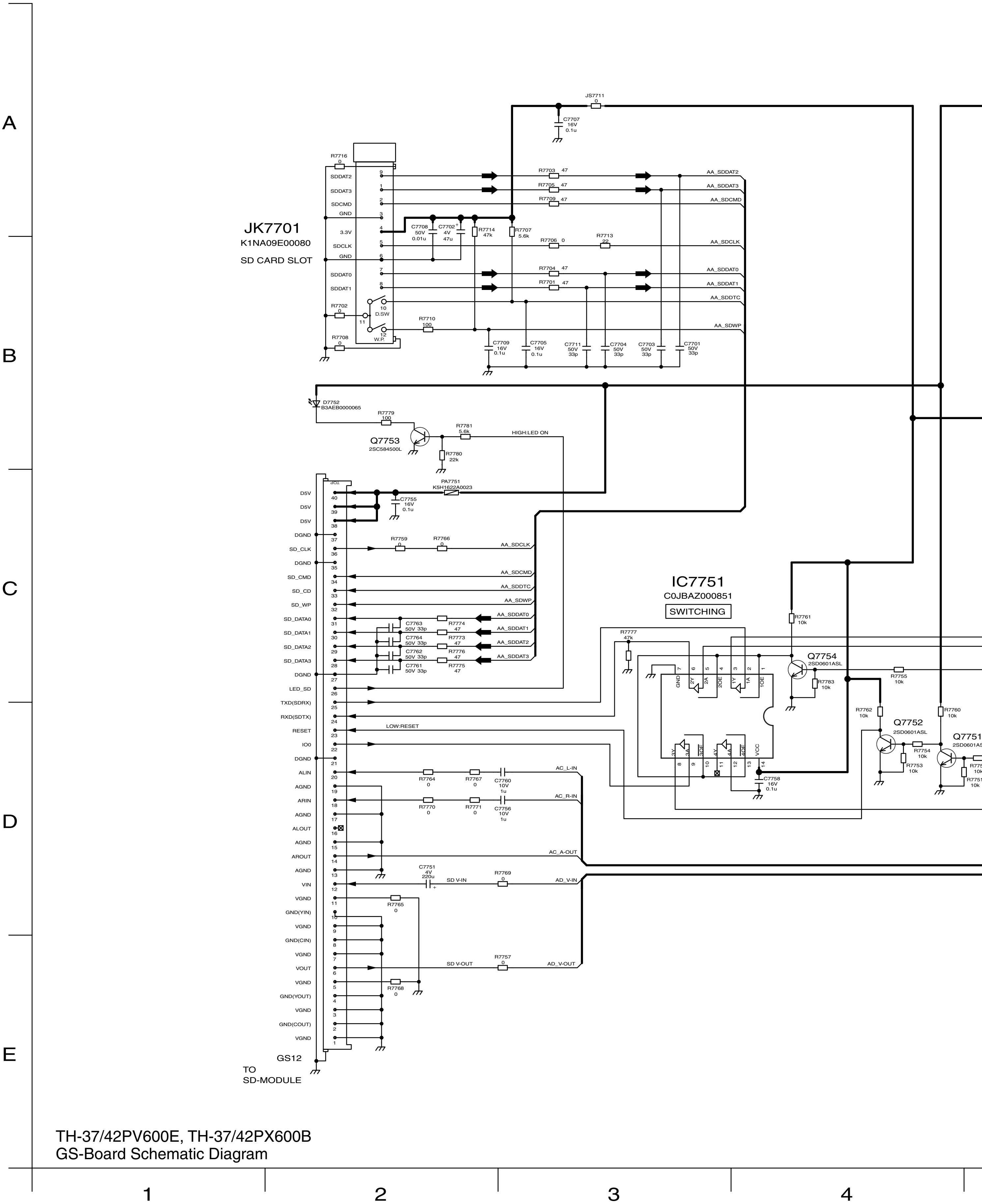
14.27. G-Board Schematic Diagram


A
B
C
D
E
1
2
3
4
G-BOARD TXN/G1BJTB
JK3701
K4AK23B00001
AV4 IN
COMPOSITE
S-VIDEO
HEAD
R
L
V
C
Y
R-SW
R
R-G
L
L-G
V-SW
V
V-G
C
Y
G
CY-G
G
R2
SW3
NC3
R1
JS3705
0
C3711
50V 0.033u
L3708
J0JCC0000100
L3707
J0JCC0000100
C3703
50V
560p
C3701
50V
560p
R3716
180k
R3717
180k
R3711
0
R3710
0
R3709
0
R3721
10k
R3732
0
D3702
MAZ81400ML
R3746
0
ZA3701
K4CD01000013
JS3708
0
JS3707
0
SUFFIX
AE
JS3715
0
R3736
R3737
R3738
R3739
R3740
R3741
0
JS3714
0
JS3713
0
JS3712
0
JS3711
0
JS3704
0
R3733
0
G51
30 GND
29 AV4_V
28 GND
27 AV4_C
26 GND
25 AV4_Y
24 V_DET
23 HP_GND
22 AV4_S
21 SUB_MONO
20 AV4_L
19 MAIN_R
18 AV4_R
17 MAIN_L
16 GND
15 HP_GND
14 R_LED_ON/STNBY_LED
13 HP_DET
12 GND
11 GND
10 KEY2/KEYEDGE
9 KEY1
8 SUB5V
7 RM_IN
6 STB3.3V
5 MODEM_LED
4 AI_SENSOR
3 GND
2 GND
1 G_LED_ON

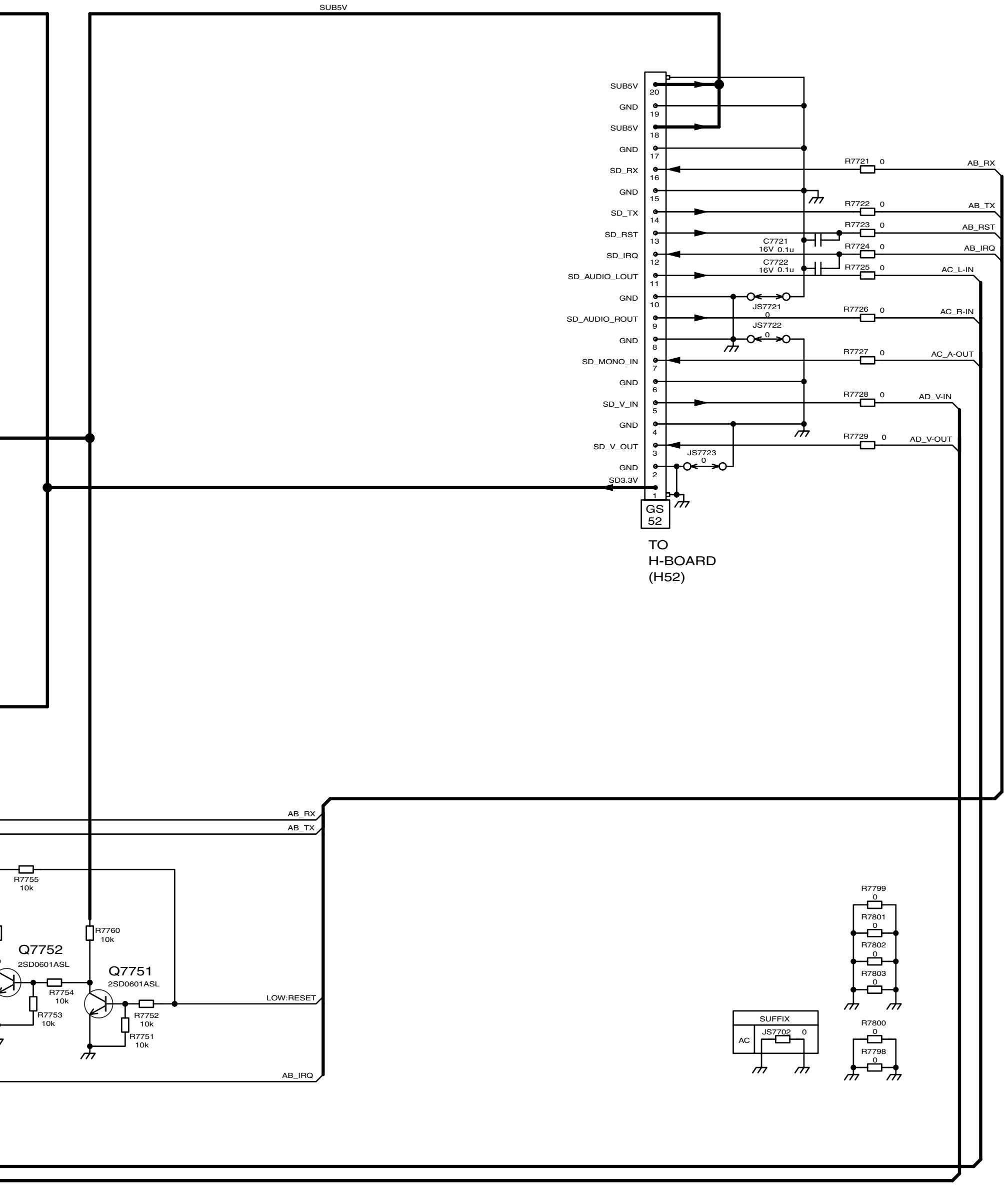
TH-37/42PV600E, TH-37/42PX600B
G-Board Schematic Diagram

O
HEADPHONE
CY-G
G
R2
SW3
NC3
R1
T
NC1
SW1
NC2
SW2
C3711
50V 0.033u
C3712
50V 0.033u
L3701
J0JCC0000364
L3700
J0JCC0000364
R3746
0
R3748
0
TO
GK-BOARD
(GK3)
3
2
1
GND
KEY1
KEY2/KEY_EDGE
G3
TO
K-BOARD
(K1)
G1
1
GND
2
R_LED_ON/STBY_LED
3
GND
4
PSM_LEDR
5
RM_IN
6
SUB5V
7
MODEM_LED
8
STB3.3V
9
AI_SENSOR
10
GND
11
G_LED_ON
12
GND
R3704
0
6
5
4
3
2
1
G51
TO
H-BOARD
(H51)
STB3.3V
MODEM_LED
AI_SENSOR
GND
GND
G_LED_ON

14.28. GS-Board Schematic Diagram

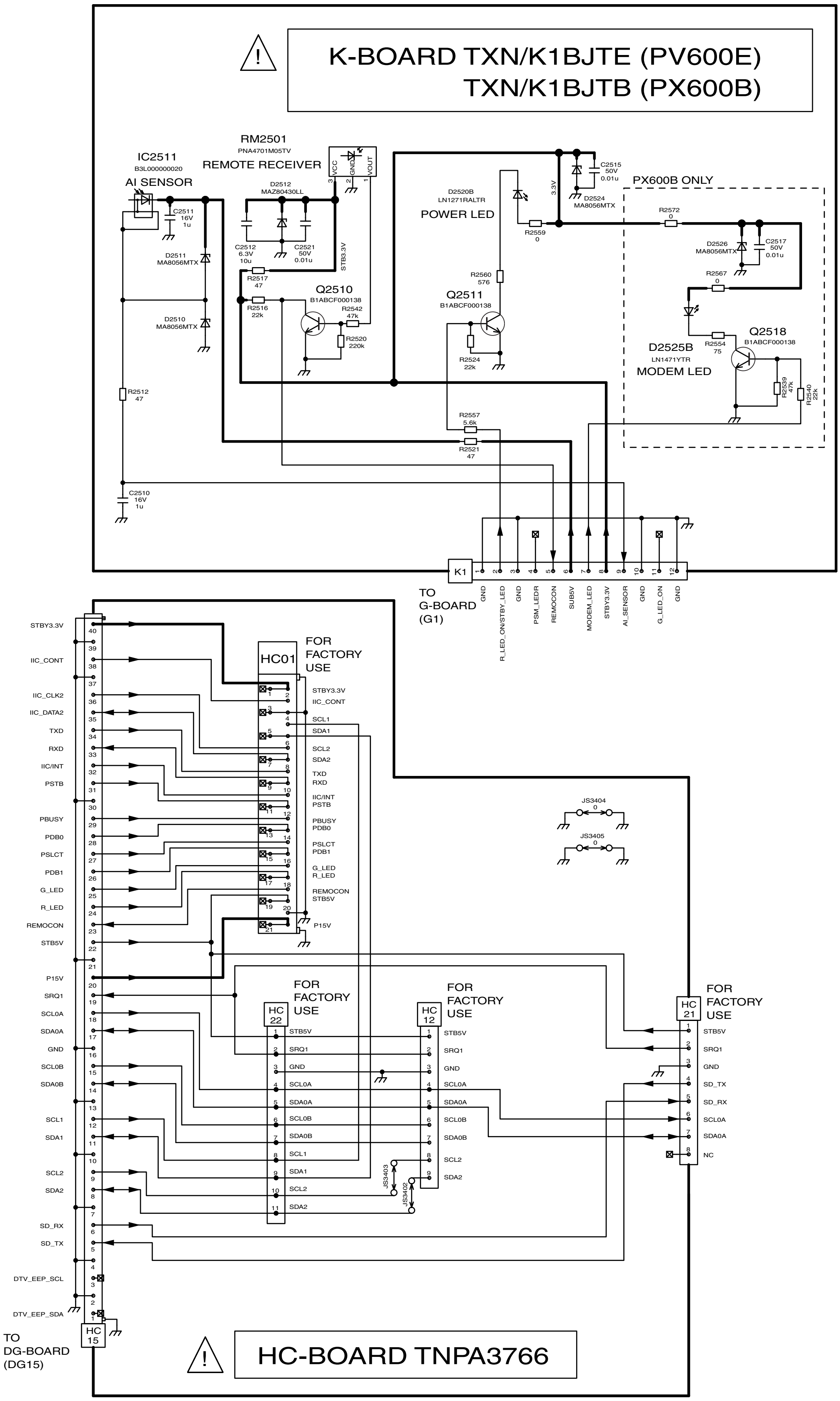

A
B
C
D
E
1
2
3
4
JS7711
0
C7707
16V
0.1u
R7716
0
SDDAT2
SDDAT3
SDCMD
GND
3.3V
SDCLK
GND
SDDAT0
SDDAT1
R7702
0
R7708
0
D.SW
W.P.
JK7701
K1NA09E00080
SD CARD SLOT
C7708
50V
0.01u
C7702
4V
47u
R7714
47k
R7707
5.6k
R7703 47
R7705 47
R7709 47
R7706 0
R7713
22
R7704 47
R7701 47
R7710
100
C7709
16V
0.1u
C7705
16V
0.1u
C7711
50V
33p
C7704
50V
33p
C7703
50V
33p
C7701
50V
33p
AA_SDDAT2
AA_SDDAT3
AA_SDCMD
AA_SDCLK
AA_SDDAT0
AA_SDDAT1
AA_SDDTC
AA_SDWP
D7752
B3AEB0000065
R7779
100
Q7753
2SC584500L
R7781
5.6k
R7780
22k
HIGH:LED ON
PA7751
K5H1622A0023
C7755
16V
0.1u
D5V
D5V
D5V
DGND
SD_CLK
DGND
SD_CMD
SD_CD
SD_WP
SD_DATA0
SD_DATA1
SD_DATA2
SD_DATA3
DGND
LED_SD
TXD(SDRX)
RXD(SDTX)
RESET
IO0
DGND
ALIN
AGND
ARIN
AGND
ALOUT
AGND
AROUT
AGND
VIN
VGND
GND(YIN)
VGND
GND(CIN)
VGND
VOUT
VGND
GND(YOUT)
VGND
GND(COUT)
VGND
R7759
0
R7766
0
AA_SDCLK
AA_SDCMD
AA_SDDTC
AA_SDWP
AA_SDDAT0
AA_SDDAT1
AA_SDDAT2
AA_SDDAT3
C7763
50V 33p
C7764
50V 33p
C7762
50V 33p
C7761
50V 33p
R7774
47
R7773
47
R7776
47
R7775
47
LOW:RESET
R7764
0
R7767
0
C7760
10V
1u
AC_L-IN
R7770
0
R7771
0
C7756
10V
1u
AC_R-IN
AC_A-OUT
C7751
4V
220u
SD V-IN
R7769
0
AD_V-IN
R7765
0
SD V-OUT
R7757
0
AD_V-OUT
R7768
0
GS12
TO
SD-MODULE
IC7751
C0JBAZ000851
SWITCHING
R7777
47k
GND
2Y
2A
2OE
1Y
1A
1OE
3Y
3A
3OE
4Y
4A
4OE
VCC
C7758
16V
0.1u
R7761
10k
Q7754
2SD0601ASL
R7783
10k
R7755
10k
R7762
10k
Q7752
2SD0601ASL
R7754
10k
R7753
10k
R7760
10k
Q7751
2SD0601AS

TH-37/42PV600E, TH-37/42PX600B
GS-Board Schematic Diagram


SUB5V
SUB5V 20
GND 19
SUB5V 18
GND 17
SD_RX 16
GND 15
SD_TX 14
SD_RST 13
SD_IRQ 12
SD_AUDIO_LOUT 11
GND 10
SD_AUDIO_ROUT 9
GND 8
SD_MONO_IN 7
GND 6
SD_V_IN 5
GND 4
SD_V_OUT 3
GND 2
SD3.3V 1
GS 52
TO H-BOARD (H52)
R7721 0
AB_RX
R7722 0
AB_TX
R7723 0
AB_RST
C7721 16V 0.1u
R7724 0
AB_IRQ
C7722 16V 0.1u
R7725 0
AC_L-IN
JS7721 0
R7726 0
AC_R-IN
JS7722 0
R7727 0
AC_A-OUT
R7728 0
AD_V-IN
R7729 0
AD_V-OUT
JS7723 0
AB_RX
AB_TX
R7755 10k
R7760 10k
Q7752 2SD0601ASL
Q7751 2SD0601ASL
R7754 10k
R7753 10k
R7752 10k
R7751 10k
LOW:RESET
AB_IRQ
R7799 0
R7801 0
R7802 0
R7803 0
SUFFIX
AC
JS7702 0
R7800 0
R7798 0

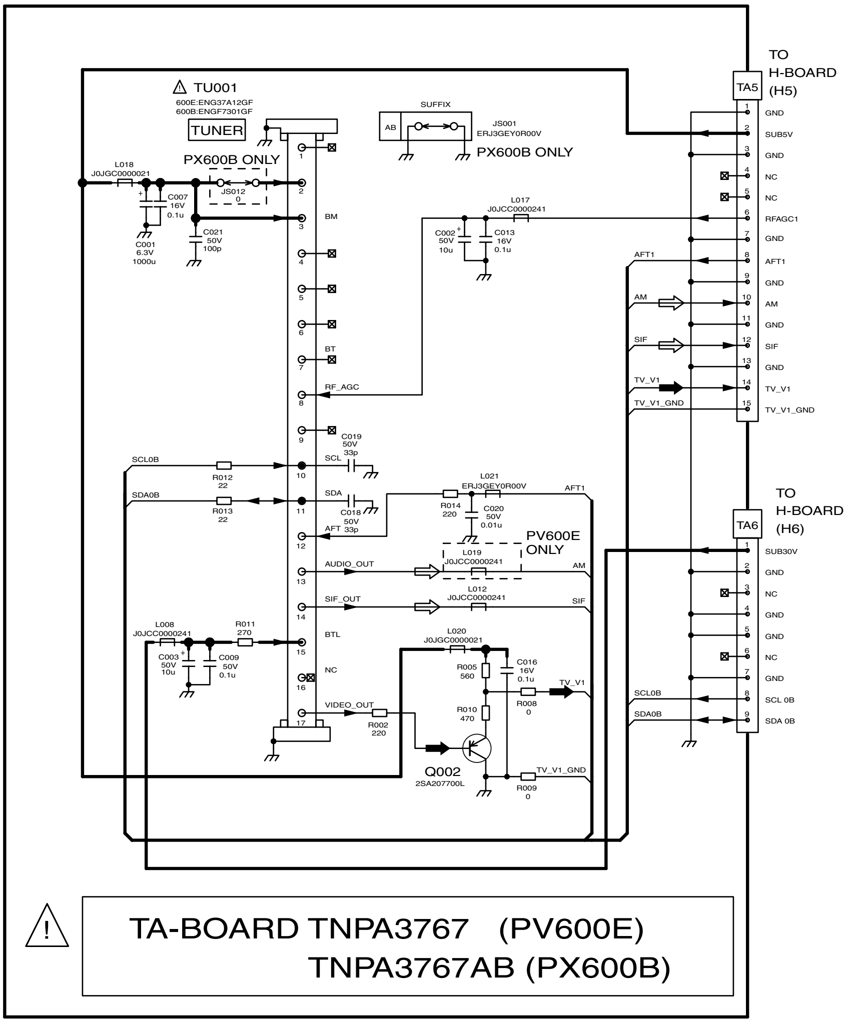
⚠ GS-BOARD TXNGS1BETB

14.29. GK, K, HC and TA-Board Schematic Diagram

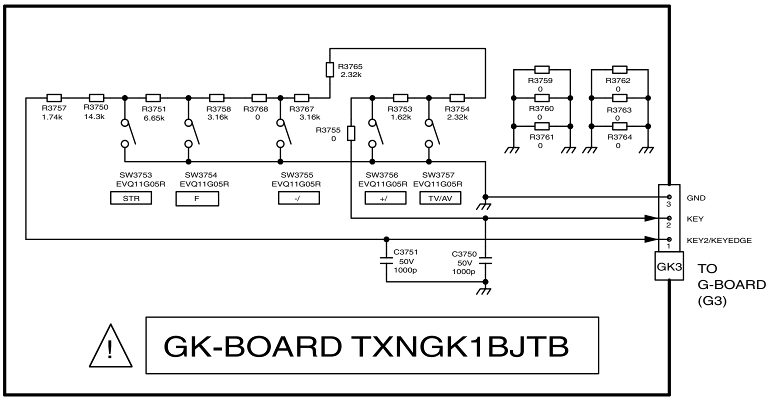

A
B
C
D
E
K-BOARD TXN/K1BJTE (PV600E)
TXN/K1BJTB (PX600B)
IC2511
B3L000000020
AI SENSOR
RM2501
PNA4701M05TV
REMOTE RECEIVER
VCC
GND
VOUT
C2511 16V 1u
D2511 MA8056MTX
D2510 MA8056MTX
R2512 47
C2510 16V 1u
D2512 MAZ80430LL
C2512 6.3V 10u
C2521 50V 0.01u
STB3.3V
R2517 47
R2516 22k
Q2510
B1ABCF000138
R2542 47k
R2520 220k
D2520B
LN1271RALTR
POWER LED
3.3V
C2515 50V 0.01u
D2524 MA8056MTX
R2559 0
R2560 576
Q2511
B1ABCF000138
R2524 22k
R2557 5.6k
R2521 47
PX600B ONLY
R2572 0
D2526 MA8056MTX
C2517 50V 0.01u
R2567 0
D2525B
LN1471YTR
MODEM LED
R2554 75
Q2518
B1ABCF000138
R2539 47k
R2540 22k
K1
TO G-BOARD (G1)
GND
R_LED_ON/STBY_LED
GND
PSM_LEDR
REMOCON
SUB5V
MODEM_LED
STBY3.3V
AI_SENSOR
GND
G_LED_ON
GND
HC01
FOR FACTORY USE
STBY3.3V
IIC_CONT
SCL1
SDA1
SCL2
SDA2
TXD
RXD
IIC/INT
PSTB
PBUSY
PDB0
PSLCT
PDB1
G_LED
R_LED
REMOCON
STB5V
P15V
STBY3.3V
IIC_CONT
IIC_CLK2
IIC_DATA2
TXD
RXD
IIC/INT
PSTB
PBUSY
PDB0
PSLCT
PDB1
G_LED
R_LED
REMOCON
STB5V
P15V
SRQ1
SCL0A
SDA0A
GND
SCL0B
SDA0B
SCL1
SDA1
SCL2
SDA2
SD_RX
SD_TX
DTV_EEP_SCL
DTV_EEP_SDA
HC15
TO DG-BOARD (DG15)
JS3404 0
JS3405 0
HC22
FOR FACTORY USE
STB5V
SRQ1
GND
SCL0A
SDA0A
SCL0B
SDA0B
SCL1
SDA1
SCL2
SDA2
HC12
FOR FACTORY USE
STB5V
SRQ1
GND
SCL0A
SDA0A
SCL0B
SDA0B
SCL2
SDA2
JS3403
JS3402
HC21
FOR FACTORY USE
STB5V
SRQ1
GND
SD_TX
SD_RX
SCL0A
SDA0A
NC
HC-BOARD TNPA3766

TH-37/42PV600E, TH-37/42PX600B GK, HC, K and TA-Board Schematic Diagram

1 2 3 4

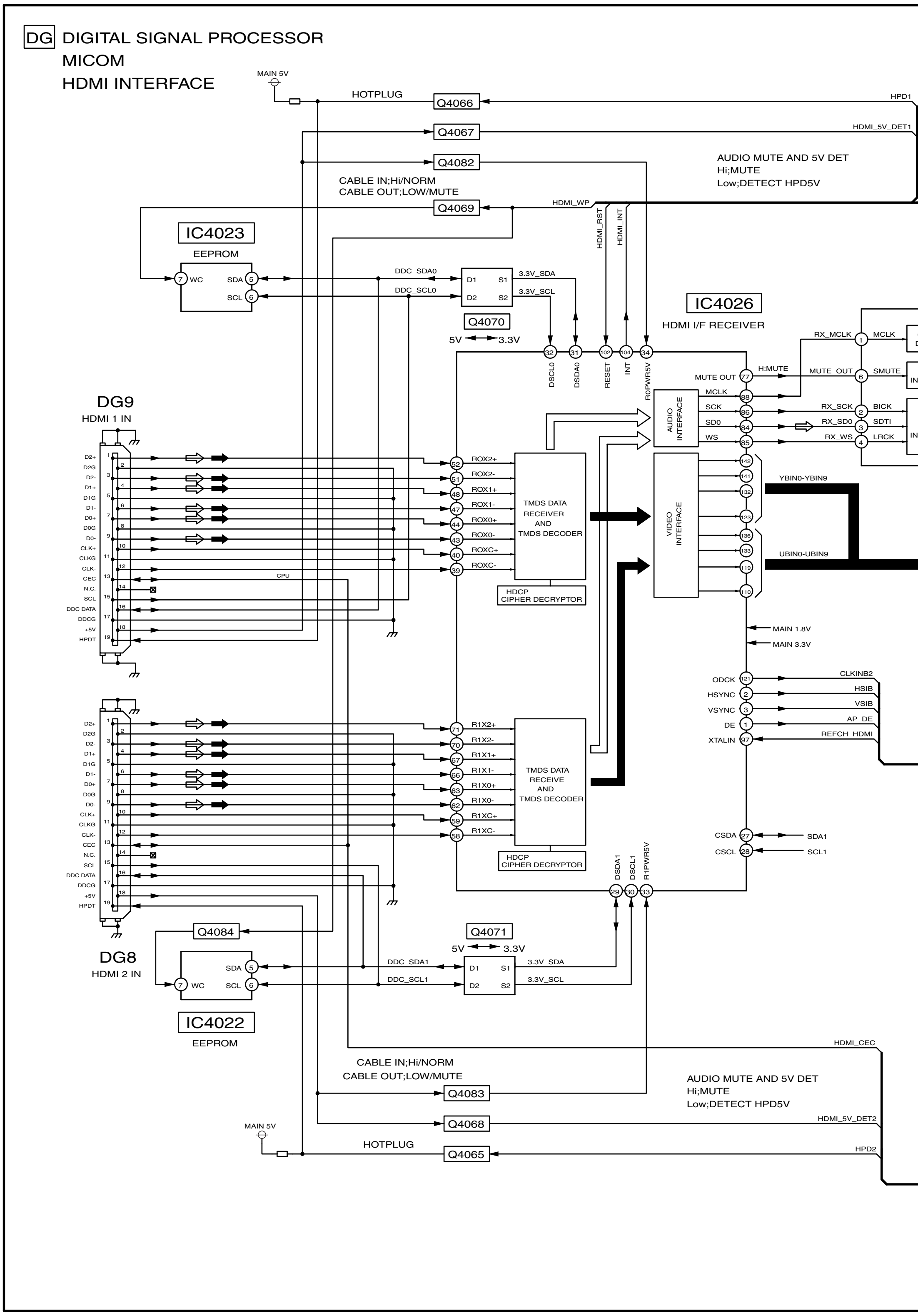

TU001
600E:ENG37A12GF
600B:ENGF7301GF
TUNER
PX600B ONLY
L018
J0JGC0000021
C007
16V
0.1u
JS012
0
C001
6.3V
1000u
C021
50V
100p
SUFFIX
AB
JS001
ERJ3GEY0R00V
PX600B ONLY
L017
J0JCC0000241
C002
50V
10u
C013
16V
0.1u
BM
BT
RF_AGC
C019
50V
33p
SCL
SCL0B
R012
22
SDA0B
R013
22
SDA
C018
50V
33p
AFT
AUDIO_OUT
SIF_OUT
BTL
NC
VIDEO_OUT
L021
ERJ3GEY0R00V
R014
220
C020
50V
0.01u
AFT1
PV600E
ONLY
L019
J0JCC0000241
AM
L012
J0JCC0000241
SIF
L008
J0JCC0000241
R011
270
C003
50V
10u
C009
50V
0.1u
L020
J0JGC0000021
R005
560
C016
16V
0.1u
TV_V1
R010
470
R008
0
R002
220
Q002
2SA207700L
TV_V1_GND
R009
0
AFT1
AM
SIF
TV_V1
TV_V1_GND
SCL0B
SDA0B
TO
H-BOARD
(H5)
TA5
GND
SUB5V
GND
NC
NC
RFAGC1
GND
AFT1
GND
AM
GND
SIF
GND
TV_V1
TV_V1_GND
TO
H-BOARD
(H6)
TA6
SUB30V
GND
NC
GND
GND
NC
GND
SCL 0B
SDA 0B

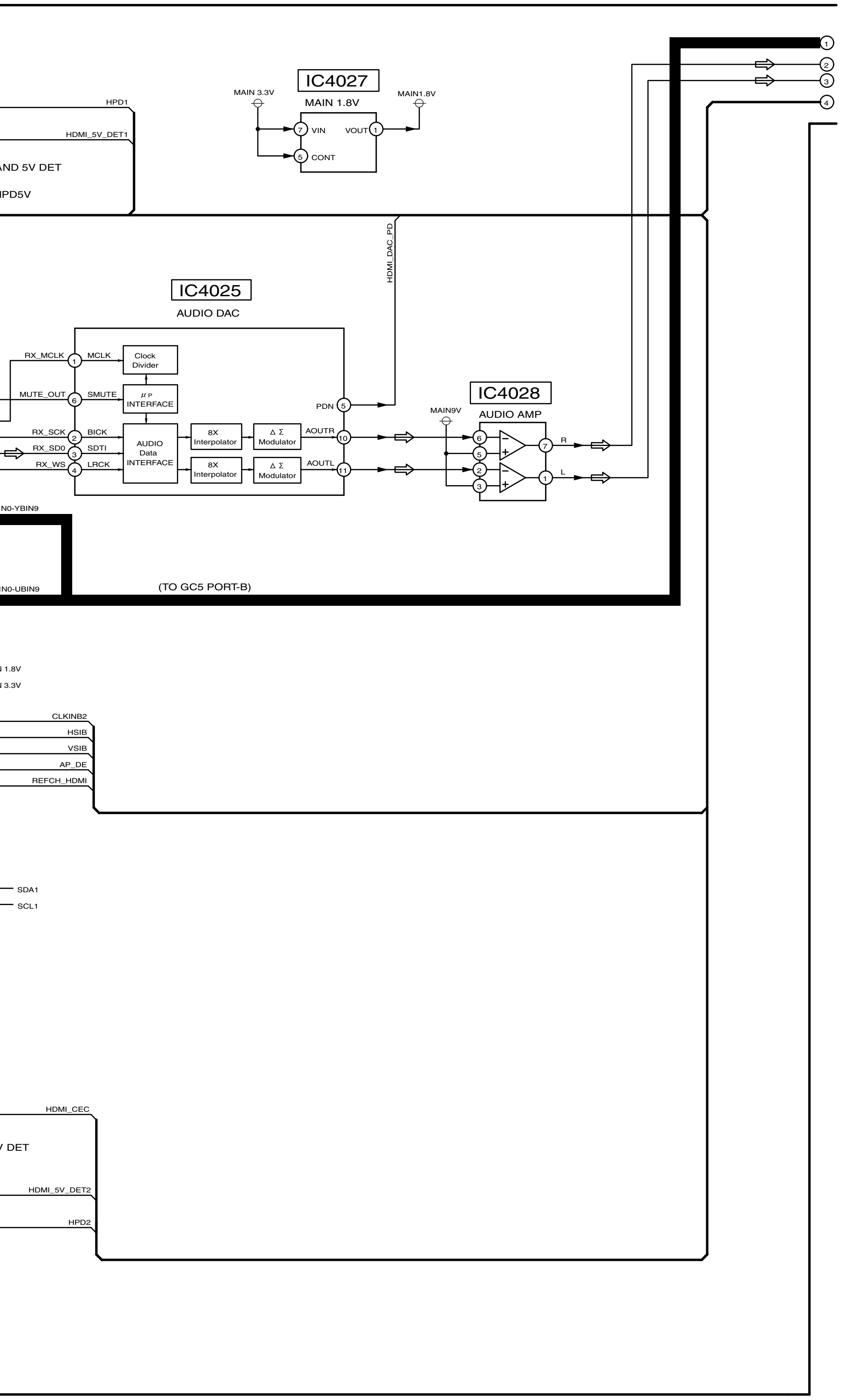
TA-BOARD TNPA3767 (PV600E)
TNPA3767AB (PX600B)


R3765
2.32k
R3757
1.74k
R3750
14.3k
R3751
6.65k
R3758
3.16k
R3768
0
R3767
3.16k
R3755
0
R3753
1.62k
R3754
2.32k
R3759
0
R3760
0
R3761
0
R3762
0
R3763
0
R3764
0
SW3753
EVQ11G05R
STR
SW3754
EVQ11G05R
F
SW3755
EVQ11G05R
-/
SW3756
EVQ11G05R
+/
SW3757
EVQ11G05R
TV/AV
C3751
50V
1000p
C3750
50V
1000p
GND
KEY
KEY2/KEYEDGE
GK3
TO
G-BOARD
(G3)

GK-BOARD TXNGK1BJTB

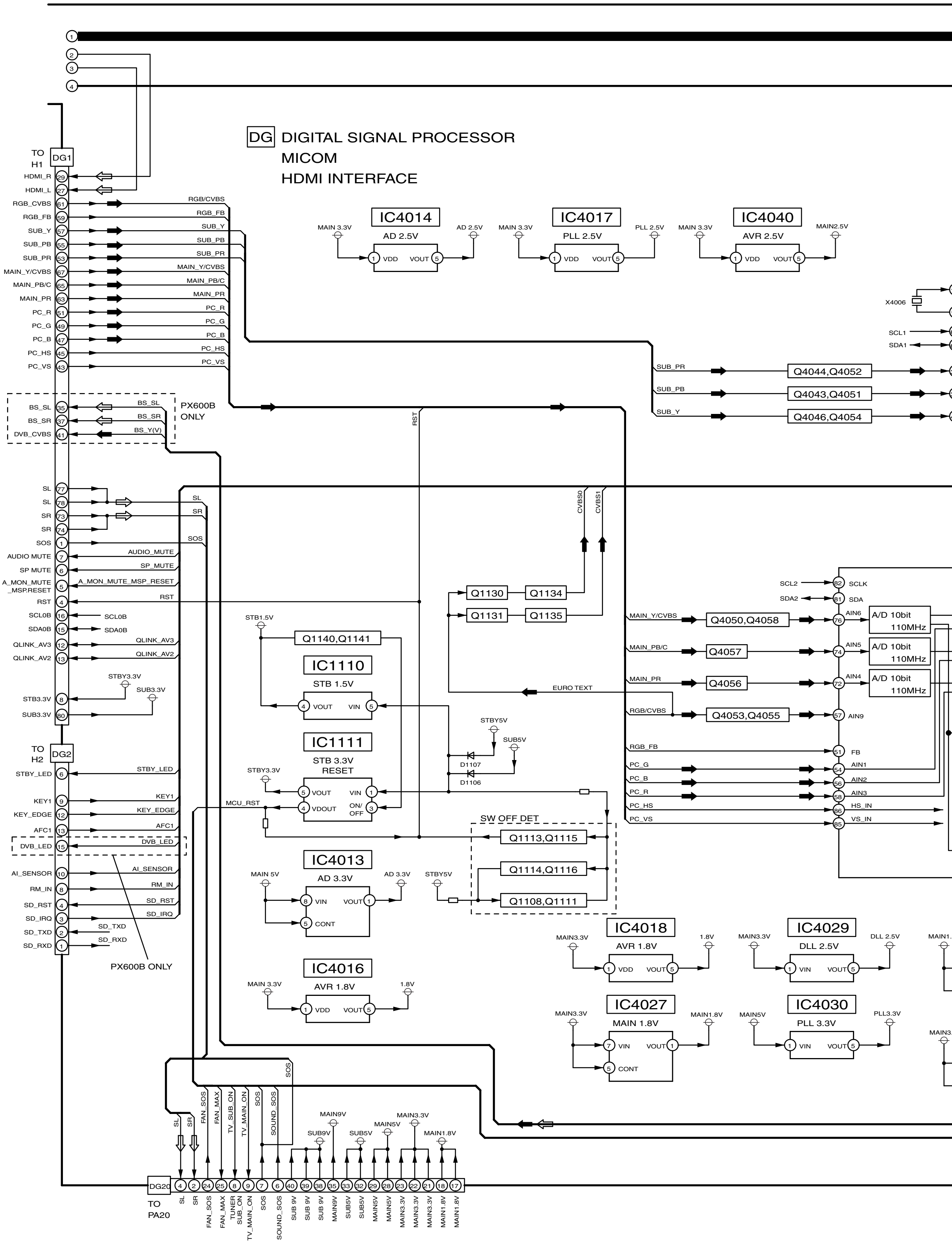
14.30. DG-Board (1 of 3) Block Diagram


DG
DIGITAL SIGNAL PROCESSOR
MICOM
HDMI INTERFACE
MAIN 5V
HOTPLUG
Q4066
HPD1
Q4067
HDMI_5V_DET1
Q4082
AUDIO MUTE AND 5V DET
Hi;MUTE
Low;DETECT HPD5V
CABLE IN;Hi/NORM
CABLE OUT;LOW/MUTE
Q4069
HDMI_WP
HDMI_RST
HDMI_INT
IC4023
EEPROM
WC
SDA
SCL
DDC_SDA0
DDC_SCL0
D1
D2
S1
S2
3.3V_SDA
3.3V_SCL
Q4070
5V
3.3V
IC4026
HDMI I/F RECEIVER
DSCL0
DSDA0
RESET
INT
R0PWR5V
RX_MCLK
MCLK
H:MUTE
MUTE OUT
MUTE_OUT
SMUTE
AUDIO INTERFACE
MCLK
SCK
SD0
WS
RX_SCK
RX_SD0
RX_WS
BICK
SDTI
LRCK
DG9
HDMI 1 IN
D2+
D2G
D2-
D1+
D1G
D1-
D0+
D0G
D0-
CLK+
CLKG
CLK-
CEC
N.C.
SCL
DDC DATA
DDCG
+5V
HPDT
R0X2+
R0X2-
R0X1+
R0X1-
R0X0+
R0X0-
R0XC+
R0XC-
TMDS DATA RECEIVER AND TMDS DECODER
HDCP CIPHER DECRYPTOR
CPU
VIDEO INTERFACE
YBIN0-YBIN9
UBIN0-UBIN9
MAIN 1.8V
MAIN 3.3V
ODCK
HSYNC
VSYNC
DE
XTALIN
CLKINB2
HSIB
VSIB
AP_DE
REFCH_HDMI
R1X2+
R1X2-
R1X1+
R1X1-
R1X0+
R1X0-
R1XC+
R1XC-
TMDS DATA RECEIVE AND TMDS DECODER
HDCP CIPHER DECRYPTOR
CSDA
CSCL
SDA1
SCL1
DSDA1
DSCL1
R1PWR5V
Q4084
Q4071
5V
3.3V
DG8
HDMI 2 IN
DDC_SDA1
DDC_SCL1
3.3V_SDA
3.3V_SCL
IC4022
EEPROM
HDMI_CEC
CABLE IN;Hi/NORM
CABLE OUT;LOW/MUTE
Q4083
AUDIO MUTE AND 5V DET
Hi;MUTE
Low;DETECT HPD5V
MAIN 5V
Q4068
HDMI_5V_DET2
HOTPLUG
Q4065
HPD2

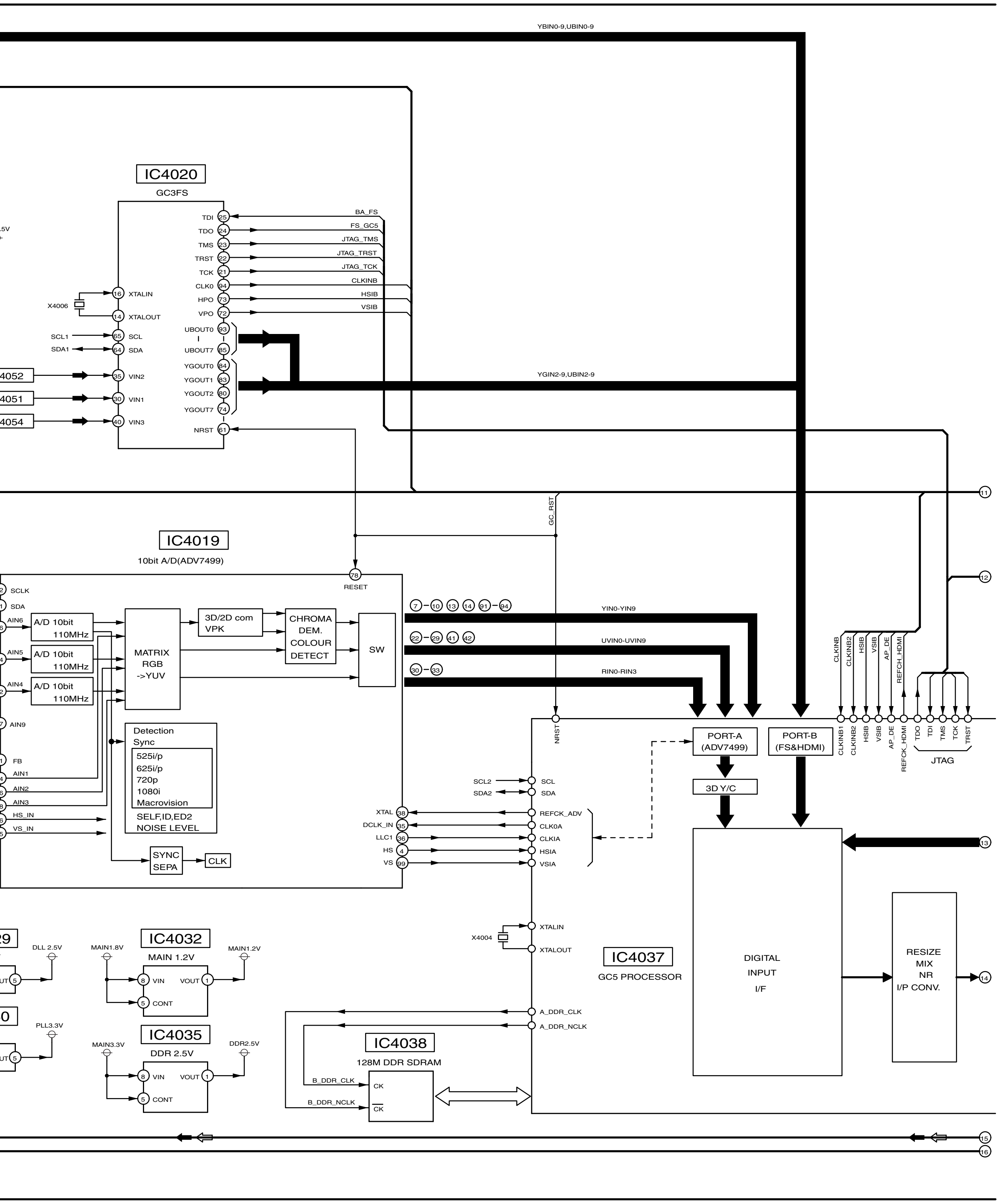

IC4027
MAIN 1.8V
MAIN 3.3V
MAIN1.8V
VIN
VOUT
CONT
HPD1
HDMI_5V_DET1
AND 5V DET
IPD5V
HDMI_DAC_PD
IC4025
AUDIO DAC
RX_MCLK
MCLK
Clock Divider
MUTE_OUT
SMUTE
μP INTERFACE
RX_SCK
BICK
RX_SD0
SDTI
RX_WS
LRCK
AUDIO Data INTERFACE
8X Interpolator
8X Interpolator
ΔΣ Modulator
ΔΣ Modulator
PDN
AOUTR
AOUTL
IC4028
AUDIO AMP
MAIN9V
R
L
1
2
3
4
N0-YBIN9
N0-UBIN9
(TO GC5 PORT-B)
1.8V
3.3V
CLKINB2
HSIB
VSIB
AP_DE
REFCH_HDMI
SDA1
SCL1
HDMI_CEC
V DET
HDMI_5V_DET2
HPD2

TH-37/42PV600E, TH-37/42PX600B
DG-Board (1 of 3) Block Diagram

14.31. DG-Board (2 of 3) Block Diagram

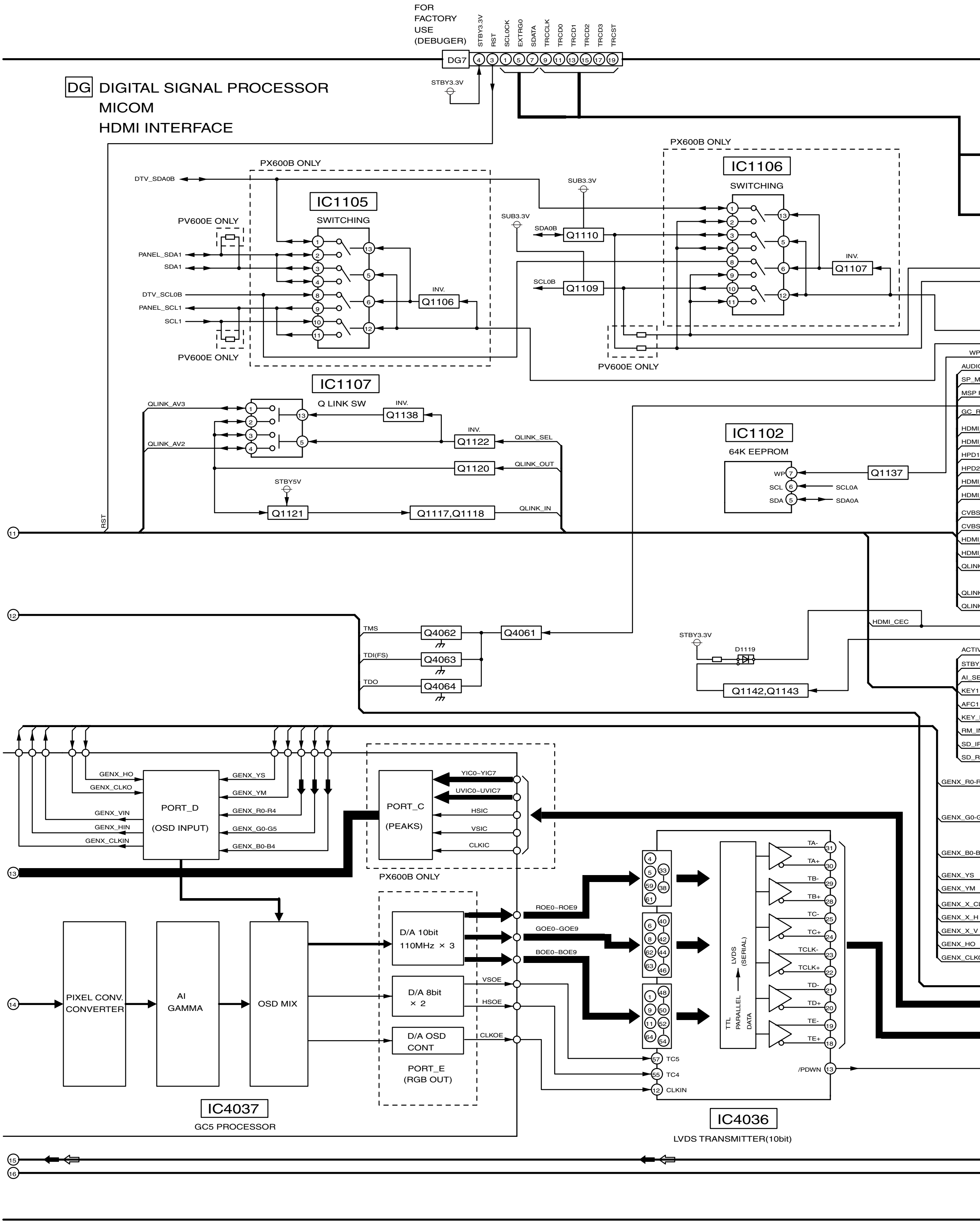

DG DIGITAL SIGNAL PROCESSOR
MICOM
HDMI INTERFACE
TO H1
DG1
HDMI_R
HDMI_L
RGB_CVBS
RGB_FB
SUB_Y
SUB_PB
SUB_PR
MAIN_Y/CVBS
MAIN_PB/C
MAIN_PR
PC_R
PC_G
PC_B
PC_HS
PC_VS
RGB/CVBS
BS_SL
BS_SR
DVB_CVBS
BS_Y(V)
PX600B ONLY
SL
SR
SOS
AUDIO MUTE
SP MUTE
A_MON_MUTE_MSP.RESET
A_MON_MUTE_MSP_RESET
RST
SCL0B
SDA0B
QLINK_AV3
QLINK_AV2
STBY3.3V
SUB3.3V
STB3.3V
TO H2
DG2
STBY_LED
KEY1
KEY_EDGE
AFC1
DVB_LED
AI_SENSOR
RM_IN
SD_RST
SD_IRQ
SD_TXD
SD_RXD
PX600B ONLY
IC4014
AD 2.5V
MAIN 3.3V
VDD
VOUT
IC4017
PLL 2.5V
IC4040
AVR 2.5V
MAIN2.5V
X4006
SCL1
SDA1
Q4044,Q4052
Q4043,Q4051
Q4046,Q4054
CVBS0
CVBS1
Q1130
Q1134
Q1131
Q1135
EURO TEXT
STB1.5V
Q1140,Q1141
IC1110
STB 1.5V
VIN
IC1111
STB 3.3V
RESET
VDOUT
ON/OFF
MCU_RST
STBY5V
SUB5V
D1107
D1106
SW OFF DET
Q1113,Q1115
Q1114,Q1116
Q1108,Q1111
IC4013
AD 3.3V
MAIN 5V
CONT
IC4016
AVR 1.8V
1.8V
SCL2
SDA2
SCLK
SDA
Q4050,Q4058
Q4057
Q4056
Q4053,Q4055
AIN6
AIN5
AIN4
AIN9
A/D 10bit 110MHz
FB
AIN1
AIN2
AIN3
HS_IN
VS_IN
IC4018
IC4029
DLL 2.5V
IC4027
MAIN 1.8V
MAIN1.8V
IC4030
PLL 3.3V
PLL3.3V
MAIN9V
SUB9V
MAIN3.3V
MAIN5V
TO PA20
DG20
FAN_SOS
FAN_MAX
TUNER SUB_ON
TV_SUB_ON
TV_MAIN_ON
SOUND_SOS
SUB 9V
MAIN1.8V

TH-37/42PV600E, TH-37/42PX600B
DG-Board (2 of 3) Block Diagram

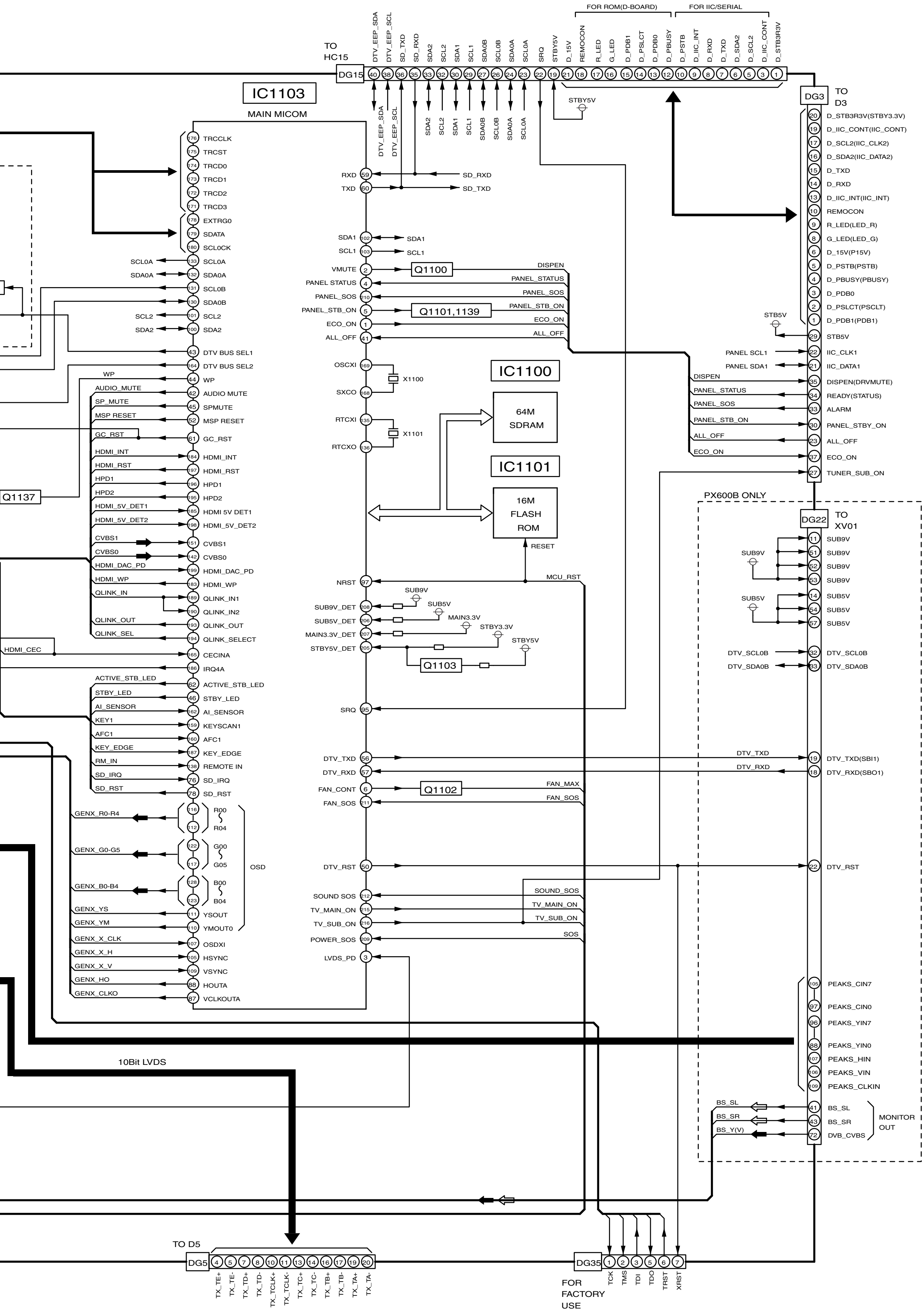

YBIN0-9,UBIN0-9
IC4020
GC3FS
TDI 25
TDO 24
TMS 23
TRST 22
TCK 21
CLK0 94
HPO 73
VPO 72
UBOUT0 93
UBOUT7 85
YGOUT0 84
YGOUT1 83
YGOUT2 80
YGOUT7 74
NRST 61
16 XTALIN
14 XTALOUT
65 SCL
64 SDA
35 VIN2
30 VIN1
40 VIN3
X4006
SCL1
SDA1
4052
4051
4054
BA_FS
FS_GC5
JTAG_TMS
JTAG_TRST
JTAG_TCK
CLKINB
HSIB
VSIB
YGIN2-9,UBIN2-9
GC_RST
IC4019
10bit A/D(ADV7499)
78 RESET
SCLK
SDA
AIN6
AIN5
AIN4
AIN9
FB
AIN1
AIN2
AIN3
HS_IN
VS_IN
A/D 10bit 110MHz
A/D 10bit 110MHz
A/D 10bit 110MHz
MATRIX RGB ->YUV
3D/2D com VPK
CHROMA DEM. COLOUR DETECT
SW
Detection Sync
525i/p
625i/p
720p
1080i
Macrovision
SELF,ID,ED2
NOISE LEVEL
SYNC SEPA
CLK
7 - 10 13 14 91 - 94
YIN0-YIN9
22 - 29 41 42
UVIN0-UVIN9
30 - 33
RIN0-RIN3
XTAL 38
DCLK_IN 35
LLC1 36
HS 4
VS 99
NRST
SCL2
SDA2
SCL
SDA
REFCK_ADV
CLK0A
CLKIA
HSIA
VSIA
XTALIN
XTALOUT
X4004
A_DDR_CLK
A_DDR_NCLK
PORT-A (ADV7499)
PORT-B (FS&HDMI)
3D Y/C
DIGITAL INPUT I/F
RESIZE MIX NR I/P CONV.
IC4037
GC5 PROCESSOR
CLKINB
CLKINB2
HSIB
VSIB
AP_DE
REFCH_HDMI
CLKINB1
CLKINB2
HSIB
VSIB
AP_DE
REFCK_HDMI
TDO
TDI
TMS
TCK
TRST
JTAG
11
12
13
14
15
16
29
DLL 2.5V
UT 5
IC4032
MAIN 1.2V
MAIN1.8V
MAIN1.2V
8 VIN
VOUT 1
5 CONT
0
PLL3.3V
UT 5
IC4035
DDR 2.5V
MAIN3.3V
DDR2.5V
8 VIN
VOUT 1
5 CONT
IC4038
128M DDR SDRAM
B_DDR_CLK
B_DDR_NCLK
CK
CK

TH-37/42PV600E, TH-37/42PX600B
DG-Board (2 of 3) Block Diagram

14.32. DG-Board (3 of 3) Block Diagram

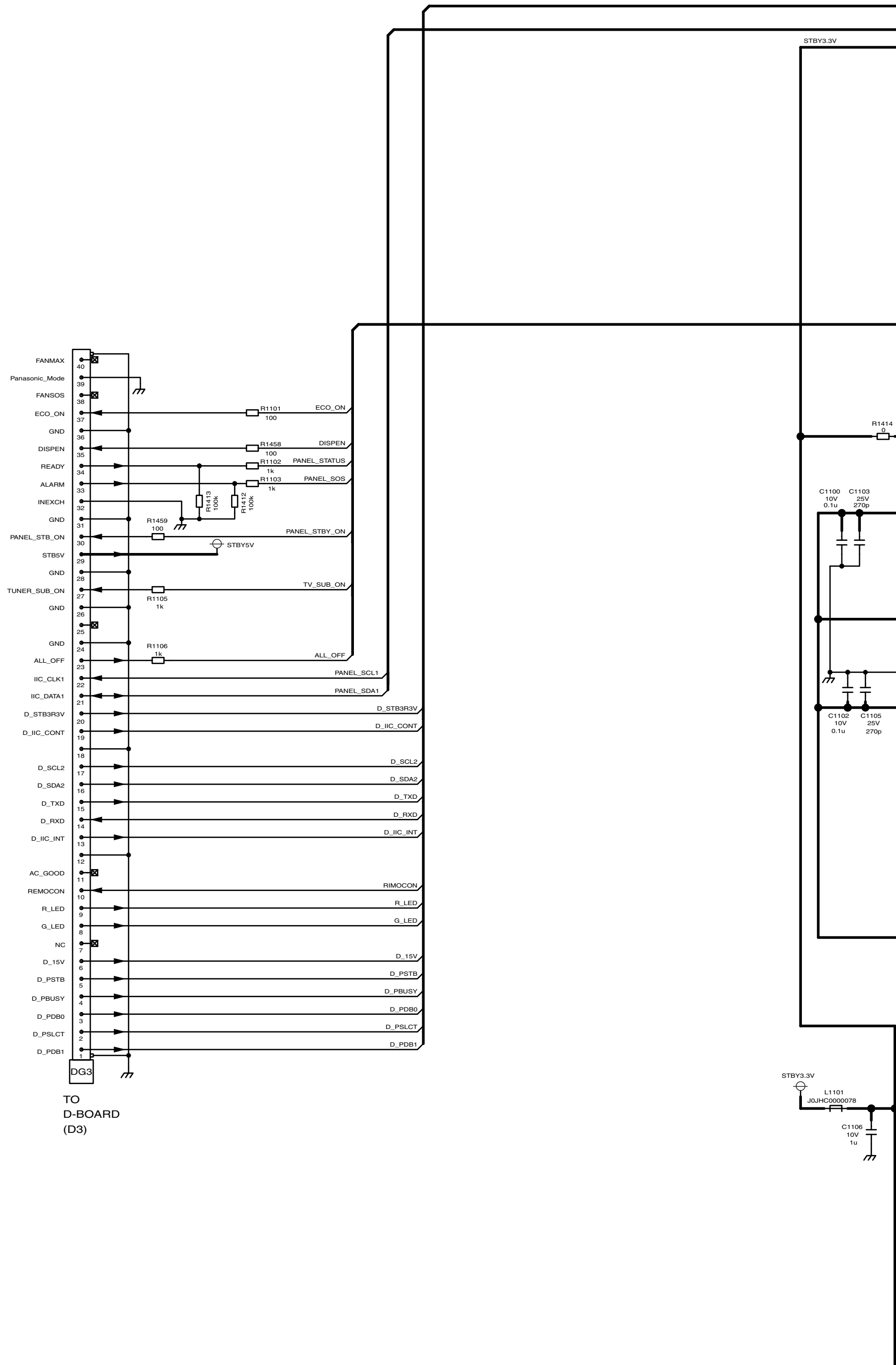

FOR
FACTORY
USE
(DEBUGER)
DG7
STBY3.3V
RST
SCL0CK
EXTRG0
SDATA
TRCCLK
TRCD0
TRCD1
TRCD2
TRCD3
TRCST
DG
DIGITAL SIGNAL PROCESSOR
MICOM
HDMI INTERFACE
PX600B ONLY
IC1105
SWITCHING
PV600E ONLY
DTV_SDA0B
PANEL_SDA1
SDA1
DTV_SCL0B
PANEL_SCL1
SCL1
INV.
Q1106
SUB3.3V
SDA0B
Q1110
SCL0B
Q1109
IC1106
SWITCHING
Q1107
IC1107
Q LINK SW
QLINK_AV3
QLINK_AV2
Q1138
Q1122
QLINK_SEL
Q1120
QLINK_OUT
STBY5V
Q1121
Q1117,Q1118
QLINK_IN
RST
IC1102
64K EEPROM
WP
SCL
SDA
SCL0A
SDA0A
Q1137
TMS
TDI(FS)
TDO
Q4062
Q4063
Q4064
Q4061
HDMI_CEC
STBY3.3V
D1119
Q1142,Q1143
GENX_HO
GENX_CLKO
GENX_VIN
GENX_HIN
GENX_CLKIN
PORT_D
(OSD INPUT)
GENX_YS
GENX_YM
GENX_R0-R4
GENX_G0-G5
GENX_B0-B4
PORT_C
(PEAKS)
YIC0~YIC7
UVIC0~UVIC7
HSIC
VSIC
CLKIC
PX600B ONLY
PIXEL CONV.
CONVERTER
AI
GAMMA
OSD MIX
D/A 10bit
110MHz × 3
D/A 8bit
× 2
D/A OSD
CONT
PORT_E
(RGB OUT)
ROE0~ROE9
GOE0~GOE9
BOE0~BOE9
VSOE
HSOE
CLKOE
IC4037
GC5 PROCESSOR
TC5
TC4
CLKIN
TTL
PARALLEL
DATA
LVDS
(SERIAL)
TA-
TA+
TB-
TB+
TC-
TC+
TCLK-
TCLK+
TD-
TD+
TE-
TE+
/PDWN
IC4036
LVDS TRANSMITTER(10bit)
WP
AUDIO
SP_M
MSP
GC_R
HDMI
HDMI
HPD1
HPD2
HDMI
HDMI
CVBS
CVBS
HDMI
HDMI
QLINK
QLINK
QLINK
ACTIV
STBY
AI_SE
KEY1
AFC1
KEY_
RM_IN
SD_IF
SD_R
GENX_R0-F
GENX_G0-G
GENX_B0-B
GENX_YS
GENX_YM
GENX_X_CL
GENX_X_H
GENX_X_V
GENX_HO
GENX_CLKO
11
12
13
14
15
16

TH-37/42PV600E, TH-37/42PX600B
DG-Board (3 of 3) Block Diagram


FOR ROM(D-BOARD)
FOR IIC/SERIAL
TO HC15
DG15
DTV_EEP_SDA
DTV_EEP_SCL
SD_TXD
SD_RXD
SDA2
SCL2
SDA1
SCL1
SDA0B
SCL0B
SDA0A
SCL0A
SRQ
STBY5V
D_15V
REMOCON
R_LED
G_LED
D_PDB1
D_PSLCT
D_PDB0
D_PBUSY
D_PSTB
D_IIC_INT
D_RXD
D_TXD
D_SDA2
D_SCL2
D_IIC_CONT
D_STB3R3V
IC1103
MAIN MICOM
TRCCLK
TRCST
TRCD0
TRCD1
TRCD2
TRCD3
EXTRG0
SDATA
SCL0CK
SCL0A
SDA0A
SCL0B
SDA0B
SCL2
SDA2
DTV BUS SEL1
DTV BUS SEL2
WP
AUDIO_MUTE
AUDIO MUTE
SP_MUTE
SPMUTE
MSP RESET
GC_RST
HDMI_INT
HDMI_RST
HPD1
HPD2
HDMI_5V_DET1
HDMI 5V DET1
HDMI_5V_DET2
CVBS1
CVBS0
HDMI_DAC_PD
HDMI_WP
QLINK_IN
QLINK_IN1
QLINK_IN2
QLINK_OUT
QLINK_SEL
QLINK_SELECT
HDMI_CEC
CECINA
IRQ4A
ACTIVE_STB_LED
STBY_LED
AI_SENSOR
KEY1
KEYSCAN1
AFC1
KEY_EDGE
RM_IN
REMOTE IN
SD_IRQ
SD_RST
GENX_R0-R4
R00
R04
GENX_G0-G5
G00
G05
GENX_B0-B4
B00
B04
OSD
GENX_YS
YSOUT
GENX_YM
YMOUT0
GENX_X_CLK
OSDXI
GENX_X_H
HSYNC
GENX_X_V
VSYNC
GENX_HO
HOUTA
GENX_CLKO
VCLKOUTA
Q1137
RXD
TXD
SD_RXD
SD_TXD
SDA1
SCL1
VMUTE
Q1100
DISPEN
PANEL STATUS
PANEL_STATUS
PANEL_SOS
PANEL_STB_ON
Q1101,1139
ECO_ON
ALL_OFF
OSCXI
X1100
SXCO
RTCXI
X1101
RTCXO
IC1100
64M SDRAM
IC1101
16M FLASH ROM
RESET
NRST
MCU_RST
SUB9V
SUB5V
MAIN3.3V
STBY3.3V
STBY5V
SUB9V_DET
SUB5V_DET
MAIN3.3V_DET
STBY5V_DET
Q1103
SRQ
DTV_TXD
DTV_RXD
FAN_CONT
Q1102
FAN_MAX
FAN_SOS
DTV_RST
SOUND SOS
SOUND_SOS
TV_MAIN_ON
TV_SUB_ON
POWER_SOS
SOS
LVDS_PD
10Bit LVDS
TO D5
DG5
TX_TE+
TX_TE-
TX_TD+
TX_TD-
TX_TCLK+
TX_TCLK-
TX_TC+
TX_TC-
TX_TB+
TX_TB-
TX_TA+
TX_TA-
DG35
FOR FACTORY USE
TCK
TMS
TDI
TDO
TRST
XRST
TO D3
DG3
D_STB3R3V(STBY3.3V)
D_IIC_CONT(IIC_CONT)
D_SCL2(IIC_CLK2)
D_SDA2(IIC_DATA2)
D_TXD
D_RXD
D_IIC_INT(IIC_INT)
REMOCON
R_LED(LED_R)
G_LED(LED_G)
D_15V(P15V)
D_PSTB(PSTB)
D_PBUSY(PBUSY)
D_PDB0
D_PSLCT(PSCLT)
D_PDB1(PDB1)
STB5V
PANEL SCL1
IIC_CLK1
PANEL SDA1
IIC_DATA1
DISPEN(DRVMUTE)
READY(STATUS)
ALARM
PANEL_STBY_ON
ALL_OFF
ECO_ON
TUNER_SUB_ON
PX600B ONLY
TO XV01
DG22
SUB9V
SUB5V
DTV_SCL0B
DTV_SDA0B
DTV_TXD(SBI1)
DTV_RXD(SBO1)
DTV_RST
PEAKS_CIN7
PEAKS_CIN0
PEAKS_YIN7
PEAKS_YIN0
PEAKS_HIN
PEAKS_VIN
PEAKS_CLKIN
BS_SL
BS_SR
BS_Y(V)
DVB_CVBS
MONITOR OUT

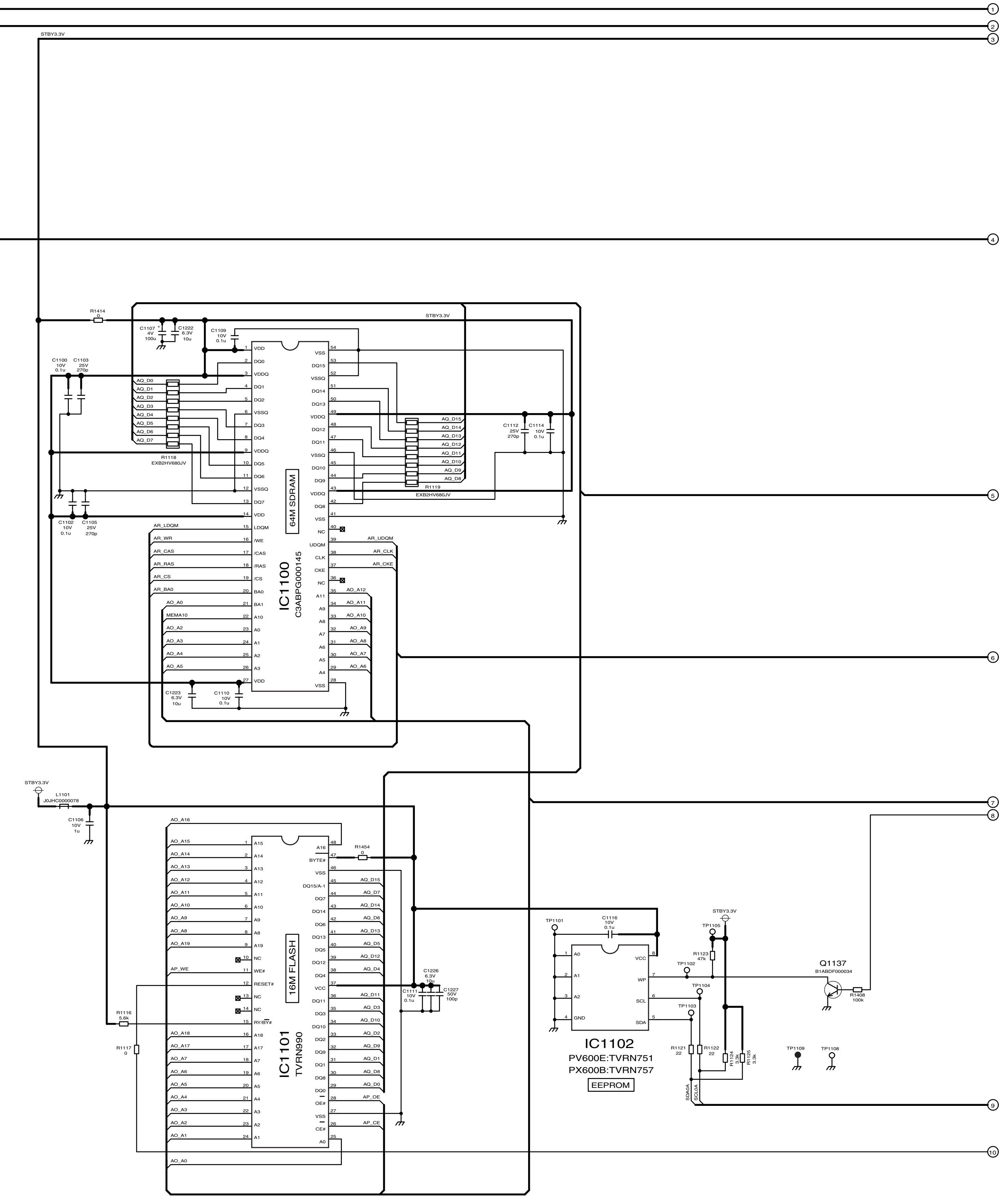
TH-37/42PV600E, TH-37/42PX600B
DG-Board (3 of 3) Block Diagram

14.33. DG-Board (1 of 8) Schematic Diagram


FANMAX
40
Panasonic_Mode
39
FANSOS
38
ECO_ON
37
GND
36
DISPEN
35
READY
34
ALARM
33
INEXCH
32
GND
31
PANEL_STB_ON
30
STB5V
29
GND
28
TUNER_SUB_ON
27
GND
26
25
GND
24
ALL_OFF
23
IIC_CLK1
22
IIC_DATA1
21
D_STB3R3V
20
D_IIC_CONT
19
18
D_SCL2
17
D_SDA2
16
D_TXD
15
D_RXD
14
D_IIC_INT
13
12
AC_GOOD
11
REMOCON
10
R_LED
9
G_LED
8
NC
7
D_15V
6
D_PSTB
5
D_PBUSY
4
D_PDB0
3
D_PSLCT
2
D_PDB1
1
DG3
TO
D-BOARD
(D3)
R1101
100
ECO_ON
R1458
100
DISPEN
R1102
1k
PANEL_STATUS
R1103
1k
PANEL_SOS
R1413
100k
R1412
100k
R1459
100
PANEL_STBY_ON
STBY5V
R1105
1k
TV_SUB_ON
R1106
1k
ALL_OFF
PANEL_SCL1
PANEL_SDA1
D_STB3R3V
D_IIC_CONT
D_SCL2
D_SDA2
D_TXD
D_RXD
D_IIC_INT
RIMOCON
R_LED
G_LED
D_15V
D_PSTB
D_PBUSY
D_PDB0
D_PSLCT
D_PDB1
STBY3.3V
R1414
0
C1100
10V
0.1u
C1103
25V
270p
C1102
10V
0.1u
C1105
25V
270p
STBY3.3V
L1101
J0JHC0000078
C1106
10V
1u

⚠ DG-BOARD (1/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)

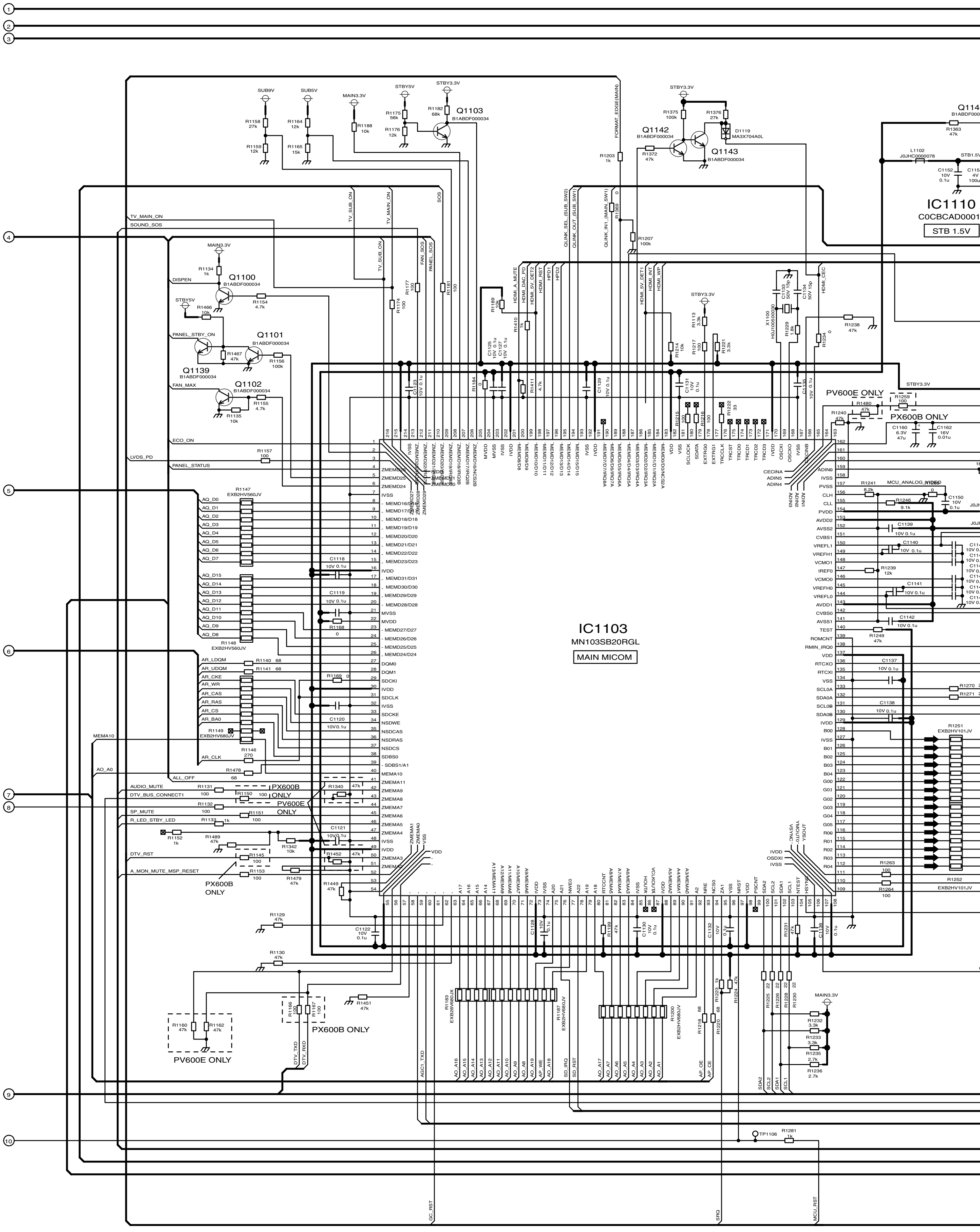
TH-37/42PV600E, TH-37/42PX600B
DG-Board (1 of 8) Schematic Diagram


STBY3.3V
R1414 0
C1107 4V 100u
C1222 6.3V 10u
C1109 10V 0.1u
C1100 10V 0.1u
C1103 25V 270p
AQ_D0
AQ_D1
AQ_D2
AQ_D3
AQ_D4
AQ_D5
AQ_D6
AQ_D7
R1118 EXB2HV680JV
C1102 10V 0.1u
C1105 25V 270p
AR_LDQM
AR_WR
AR_CAS
AR_RAS
AR_CS
AR_BA0
AO_A0
MEMA10
AO_A2
AO_A3
AO_A4
AO_A5
C1223 6.3V 10u
C1110 10V 0.1u
64M SDRAM
IC1100
C3ABPG000145
VDD
DQ0
VDDQ
DQ1
DQ2
VSSQ
DQ3
DQ4
DQ5
DQ6
DQ7
LDQM
/WE
/CAS
/RAS
/CS
BA0
BA1
A10
A0
A1
A2
A3
VSS
DQ15
DQ14
DQ13
DQ12
DQ11
DQ10
DQ9
DQ8
NC
UDQM
CLK
CKE
A11
A9
A8
A7
A6
A5
A4
AQ_D15
AQ_D14
AQ_D13
AQ_D12
AQ_D11
AQ_D10
AQ_D9
AQ_D8
R1119 EXB2HV680JV
C1112 25V 270p
C1114 10V 0.1u
AR_UDQM
AR_CLK
AR_CKE
AO_A12
AO_A11
AO_A10
AO_A9
AO_A8
AO_A7
AO_A6
STBY3.3V
L1101 J0JHC0000078
C1106 10V 1u
AO_A16
AO_A15
AO_A14
AO_A13
AO_A12
AO_A11
AO_A10
AO_A9
AO_A8
AO_A19
AP_WE
R1116 5.6k
R1117 0
AO_A18
AO_A17
AO_A7
AO_A6
AO_A5
AO_A4
AO_A3
AO_A2
AO_A1
AO_A0
16M FLASH
IC1101
TVRN990
A15
A14
A13
A12
A11
A10
A9
A8
A19
NC
WE#
RESET#
RY/BY#
A18
A17
A7
A6
A5
A4
A3
A2
A1
A16
BYTE#
VSS
DQ15/A-1
DQ7
DQ14
DQ6
DQ13
DQ5
DQ12
DQ4
VCC
DQ11
DQ3
DQ10
DQ2
DQ9
DQ1
DQ8
DQ0
OE#
CE#
A0
R1454 0
AQ_D15
AQ_D7
AQ_D14
AQ_D6
AQ_D13
AQ_D5
AQ_D12
AQ_D4
AQ_D11
AQ_D3
AQ_D10
AQ_D2
AQ_D9
AQ_D1
AQ_D8
AQ_D0
AP_OE
AP_CE
C1226 6.3V 10u
C1111 10V 0.1u
C1227 50V 100p
TP1101
C1116 10V 0.1u
STBY3.3V
TP1105
R1123 47k
TP1102
TP1104
TP1103
A0
A1
A2
GND
VCC
WP
SCL
SDA
IC1102
PV600E:TVRN751
PX600B:TVRN757
EEPROM
R1121 22
R1122 22
R1124 3.3k
R1125 3.3k
SDA0A
SCL0A
TP1109
TP1108
Q1137
B1ABDF000034
R1408 100k
1
2
3
4
5
6
7
8
9
10

TH-37/42PV600E, TH-37/42PX600B
DG-Board (1 of 8) Schematic Diagram

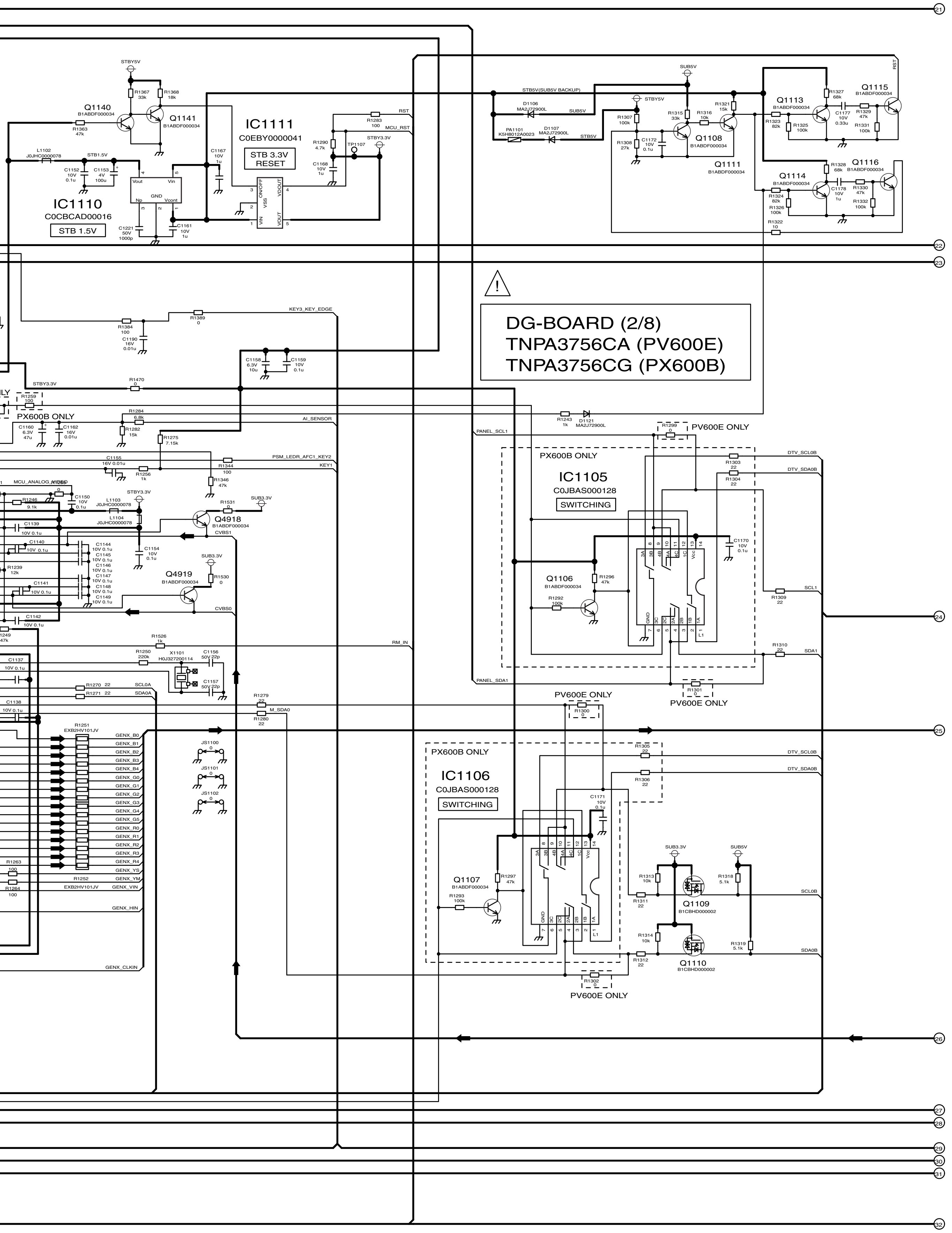
5 6 7 8 9

14.34. DG-Board (2 of 8) Schematic Diagram


1
2
3
4
5
6
7
8
9
10
IC1103
MN103SB20RGL
MAIN MICOM
IC1110
C0CBCAD0001
STB 1.5V
Q1100
Q1101
Q1102
Q1103
Q1139
Q1142
Q1143
B1ABDF000034
D1119
MA3X704A0L
X1100
L1102
SUB9V
SUB5V
MAIN3.3V
STBY5V
STBY3.3V
TV_MAIN_ON
SOUND_SOS
DISPEN
PANEL_STBY_ON
FAN_MAX
ECO_ON
LVDS_PD
PANEL_STATUS
MEMA10
AO_A0
AUDIO_MUTE
DTV_BUS_CONNECT1
SP_MUTE
R_LED_STBY_LED
DTV_RST
A_MON_MUTE_MSP_RESET
ALL_OFF
PX600B ONLY
PV600E ONLY
MCU_ANALOG_RIDES
GC_RST
SRQ
MCU_RST
TP1106
DTV_TXD
DTV_RXD
AGC1_TXD
SDA2
SCL2
SDA1
SCL1

TH-37/42PV600E, TH-37/42PX600B DG-Board (2 of 8) Schematic Diagram

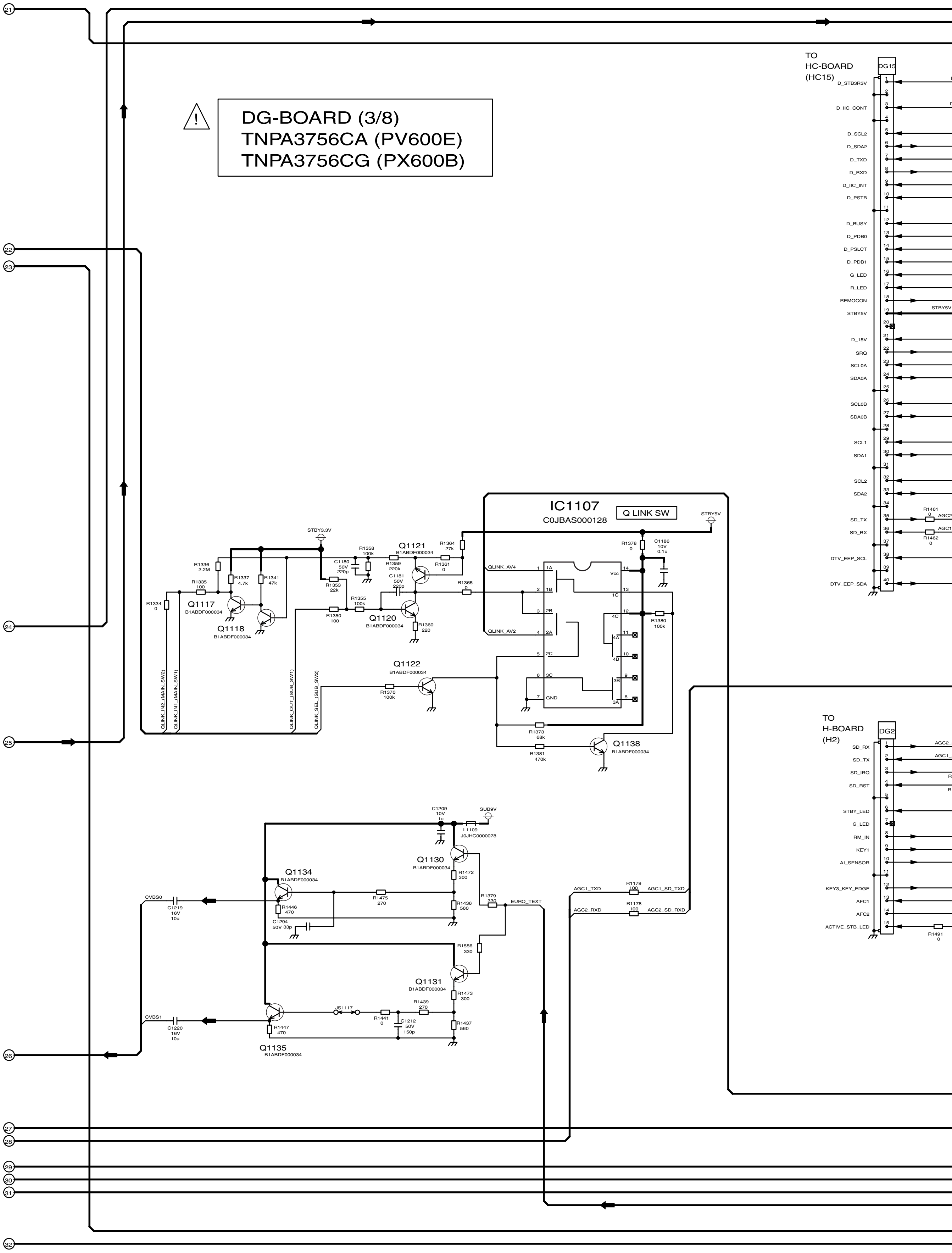
10 11 12 13 14


DG-BOARD (2/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)
IC1110
C0CBCAD00016
STB 1.5V
IC1111
C0EBY0000041
STB 3.3V RESET
IC1105
C0JBAS000128
SWITCHING
IC1106
C0JBAS000128
SWITCHING
Q1140
Q1141
Q1106
Q1107
Q1108
Q1109
Q1110
Q1111
Q1113
Q1114
Q1115
Q1116
Q4918
Q4919
B1ABDF000034
B1CBHD000002
STBY5V
STBY3.3V
SUB5V
SUB3.3V
STB5V
STB5V(SUB5V BACKUP)
RST
MCU_RST
KEY3_KEY_EDGE
AI_SENSOR
PSM_LEDR_AFC1_KEY2
KEY1
MCU_ANALOG_VIDEO
CVBS1
CVBS0
RM_IN
SCL0A
SDA0A
M_SDA0
PANEL_SCL1
PANEL_SDA1
DTV_SCL0B
DTV_SDA0B
SCL1
SDA1
SCL0B
SDA0B
PX600B ONLY
PV600E ONLY
GENX_B0
GENX_B1
GENX_B2
GENX_B3
GENX_B4
GENX_G0
GENX_G1
GENX_G2
GENX_G3
GENX_G4
GENX_G5
GENX_R0
GENX_R1
GENX_R2
GENX_R3
GENX_R4
GENX_YS
GENX_YM
GENX_VIN
GENX_HIN
GENX_CLKIN
EXB2HV101JV
JS1100
JS1101
JS1102
X1101
H0J327200114
TP1107
D1106
D1107
D1121
MA2J72900L
PA1101
K5H8012A0023
L1102
L1103
L1104
J0JHC0000078
21
22
23
24
25
26
27
28
29
30
31
32

TH-37/42PV600E, TH-37/42PX600B DG-Board (2 of 8) Schematic Diagram

14	15	16	17	18

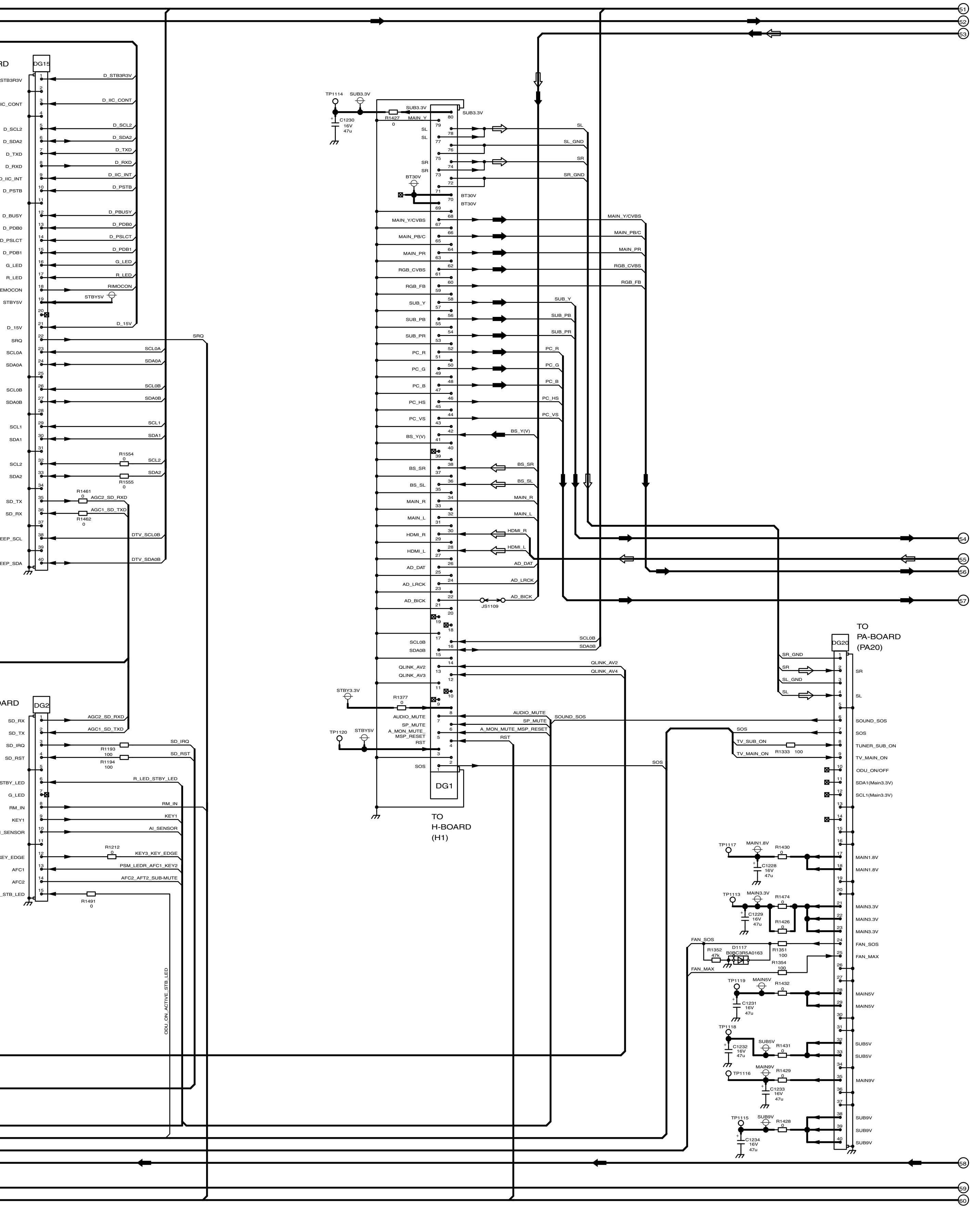
14.35. DG-Board (3 of 8) Schematic Diagram



DG-BOARD (3/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)
TO HC-BOARD (HC15)
DG15
D_STB3R3V
D_IIC_CONT
D_SCL2
D_SDA2
D_TXD
D_RXD
D_IIC_INT
D_PSTB
D_BUSY
D_PDB0
D_PSLCT
D_PDB1
G_LED
R_LED
REMOCON
STBY5V
D_15V
SRQ
SCL0A
SDA0A
SCL0B
SDA0B
SCL1
SDA1
SCL2
SDA2
SD_TX
SD_RX
DTV_EEP_SCL
DTV_EEP_SDA
R1461 0
R1462 0
IC1107
C0JBAS000128
Q LINK SW
STBY5V
STBY3.3V
R1378 0
C1186 10V 0.1u
QLINK_AV4
QLINK_AV2
Vcc
GND
R1380 100k
R1373 68k
R1381 470k
Q1138 B1ABDF000034
Q1121 B1ABDF000034
Q1117 B1ABDF000034
Q1118 B1ABDF000034
Q1120 B1ABDF000034
Q1122 B1ABDF000034
R1336 2.2M
R1335 100
R1334 0
R1337 4.7k
R1341 47k
R1358 100k
C1180 50V 220p
R1353 22k
R1359 220k
C1181 50V 220p
R1364 27k
R1361 0
R1365 0
R1355 100k
R1350 100
R1360 220
R1370 100k
QLINK_IN2_(MAIN_SW2)
QLINK_IN1_(MAIN_SW1)
QLINK_OUT_(SUB_SW1)
QLINK_SEL_(SUB_SW2)
TO H-BOARD (H2)
DG2
SD_RX
SD_TX
SD_IRQ
SD_RST
STBY_LED
G_LED
RM_IN
KEY1
AI_SENSOR
KEY3_KEY_EDGE
AFC1
AFC2
ACTIVE_STB_LED
R1491 0
AGC1_TXD
AGC2_RXD
R1179 100
R1178 100
AGC1_SD_TXD
AGC2_SD_RXD
EURO_TEXT
C1209 10V 1u
SUB9V
L1109 J0JHC0000078
Q1130 B1ABDF000034
Q1134 B1ABDF000034
Q1131 B1ABDF000034
Q1135 B1ABDF000034
R1472 300
R1475 270
R1436 560
R1379 330
R1446 470
C1294 50V 33p
CVBS0
C1219 16V 10u
R1556 330
R1473 300
R1439 270
JS1117
R1441 0
C1212 50V 150p
R1437 560
R1447 470
CVBS1
C1220 16V 10u
21
22
23
24
25
26
27
28
29
30
31
32

TH-37/42PV600E, TH-37/42PX600B DG-Board (3 of 8) Schematic Diagram

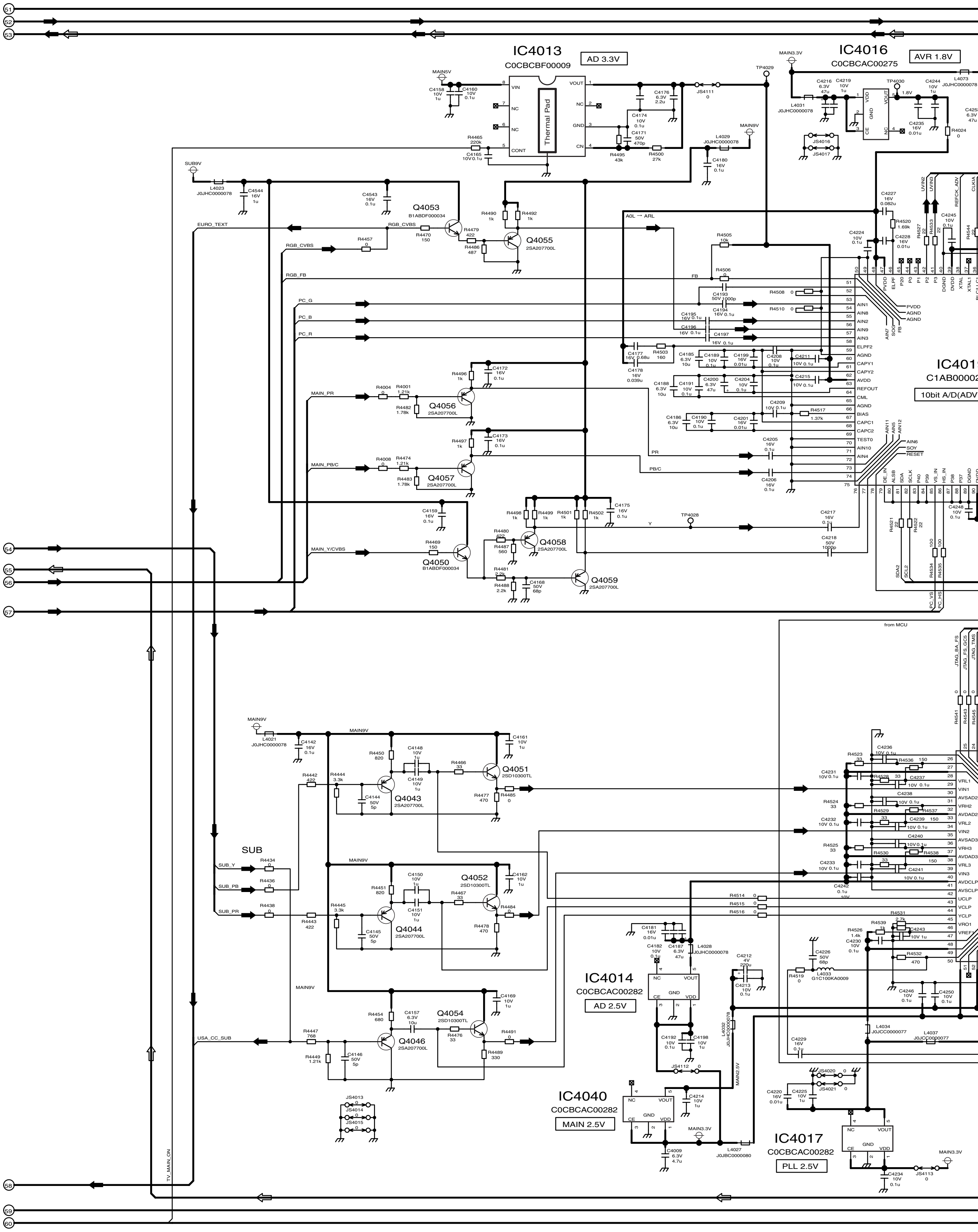
19 20 21 22 23


DG15
D_STB3R3V
D_IIC_CONT
D_SCL2
D_SDA2
D_TXD
D_RXD
D_IIC_INT
D_PSTB
D_PBUSY
D_PDB0
D_PSLCT
D_PDB1
G_LED
R_LED
RIMOCON
STBY5V
D_15V
SRQ
SCL0A
SDA0A
SCL0B
SDA0B
SCL1
SDA1
R1554 0
SCL2
SDA2
R1555 0
R1461 0
AGC2_SD_RXD
AGC1_SD_TXD
R1462 0
SD_TX
SD_RX
DTV_SCL0B
DTV_SDA0B
DG2
SD_RX
SD_TX
SD_IRQ
SD_RST
R1193 100
R1194 100
STBY_LED
G_LED
RM_IN
KEY1
AI_SENSOR
R_LED_STBY_LED
R1212 0
KEY3_KEY_EDGE
PSM_LEDR_AFC1_KEY2
AFC2_AFT2_SUB-MUTE
AFC1
AFC2
R1491 0
ODU_ON_ACTIVE_STB_LED
TP1114
SUB3.3V
C1230 16V 47u
R1427 0
MAIN_Y
SL
SR
BT30V
SL_GND
SR_GND
MAIN_Y/CVBS
MAIN_PB/C
MAIN_PR
RGB_CVBS
RGB_FB
SUB_Y
SUB_PB
SUB_PR
PC_R
PC_G
PC_B
PC_HS
PC_VS
BS_Y(V)
BS_SR
BS_SL
MAIN_R
MAIN_L
HDMI_R
HDMI_L
AD_DAT
AD_LRCK
AD_BICK
JS1109
SCL0B
SDA0B
QLINK_AV2
QLINK_AV3
QLINK_AV4
STBY3.3V
R1377 0
AUDIO_MUTE
SP_MUTE
A_MON_MUTE_MSP_RESET
RST
SOS
SOUND_SOS
TP1120
STBY5V
DG1
TO H-BOARD (H1)
TO PA-BOARD (PA20)
DG20
SR_GND
SR
SL_GND
SL
SOUND_SOS
SOS
TV_SUB_ON
R1333 100
TUNER_SUB_ON
TV_MAIN_ON
ODU_ON/OFF
SDA1(Main3.3V)
SCL1(Main3.3V)
TP1117
MAIN1.8V
R1430 0
C1228 16V 47u
TP1113
MAIN3.3V
R1474 0
C1229 16V 47u
R1426 0
FAN_SOS
R1352 47k
D1117 B0BC3R5A0163
R1351 100
R1354 100
FAN_MAX
TP1119
MAIN5V
R1432 0
C1231 16V 47u
TP1118
C1232 16V 47u
SUB5V
R1431 0
MAIN9V
TP1116
R1429 0
C1233 16V 47u
TP1115
SUB9V
R1428 0
C1234 16V 47u
51
52
53
54
55
56
57
58
59
60

TH-37/42PV600E, TH-37/42PX600B DG-Board (3 of 8) Schematic Diagram

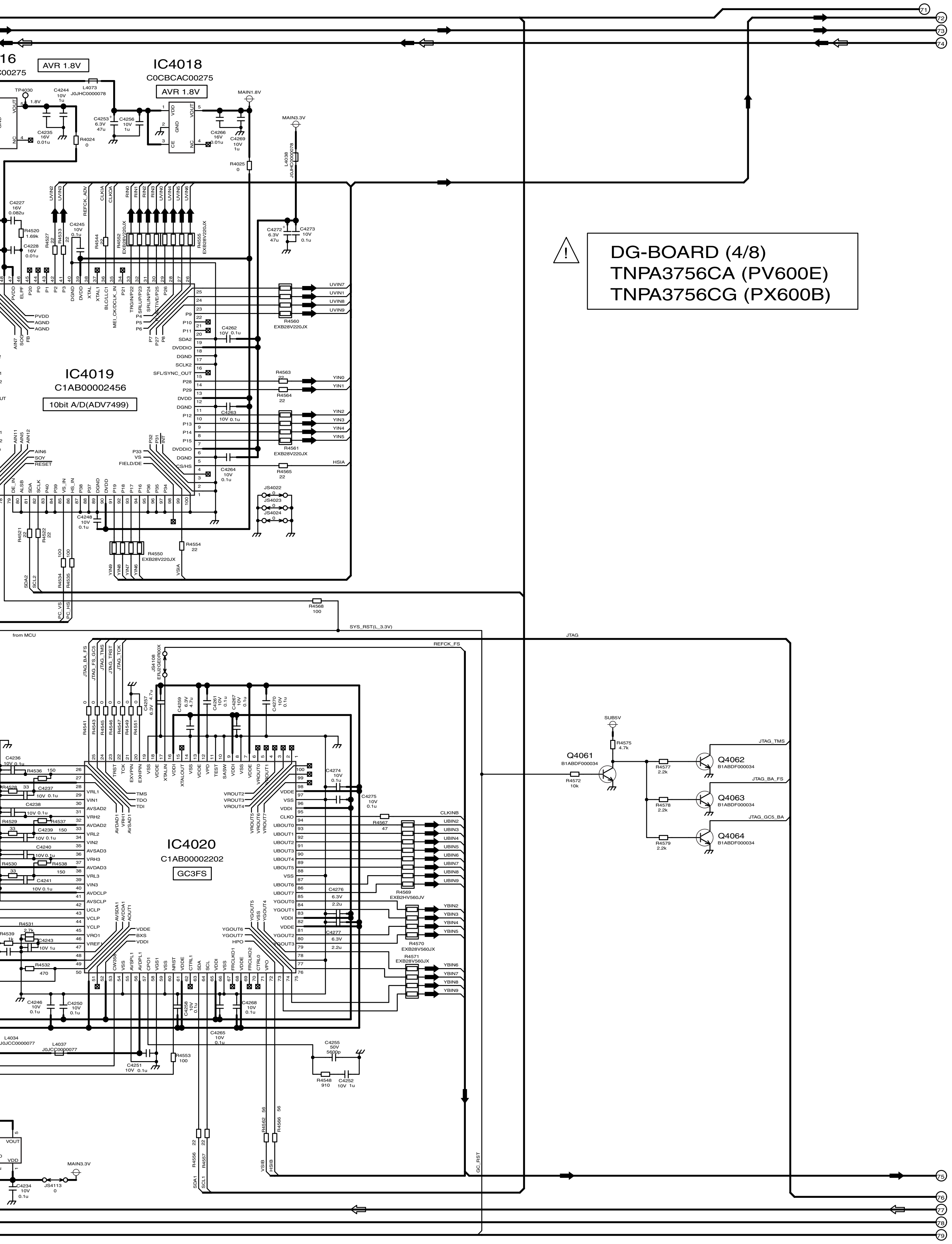
23 24 25 26 27

14.36. DG-Board (4 of 8) Schematic Diagram


IC4013
C0CBCBF00009
AD 3.3V
Thermal Pad
IC4016
C0CBCAC00275
AVR 1.8V
IC4014
C0CBCAC00282
AD 2.5V
IC4040
C0CBCAC00282
MAIN 2.5V
IC4017
C0CBCAC00282
PLL 2.5V
C1AB0000
10bit A/D(ADV
Q4053
B1ABDF000034
Q4055
2SA207700L
Q4056
2SA207700L
Q4057
2SA207700L
Q4058
2SA207700L
Q4059
2SA207700L
Q4050
B1ABDF000034
Q4051
2SD10300TL
Q4043
2SA207700L
Q4052
2SD10300TL
Q4044
2SA207700L
Q4054
2SD10300TL
Q4046
2SA207700L
SUB
MAIN5V
MAIN9V
SUB9V
MAIN3.3V
MAIN2.5V
EURO_TEXT
RGB_CVBS
RGB_FB
PC_G
PC_B
PC_R
MAIN_PR
MAIN_PB/C
MAIN_Y/CVBS
SUB_Y
SUB_PB
SUB_PR
USA_CC_SUB
TV_MAIN_ON
from MCU
51
52
53
54
55
56
57
58
59
60

TH-37/42PV600E, TH-37/42PX600B DG-Board (4 of 8) Schematic Diagram

28	29	30	31	32

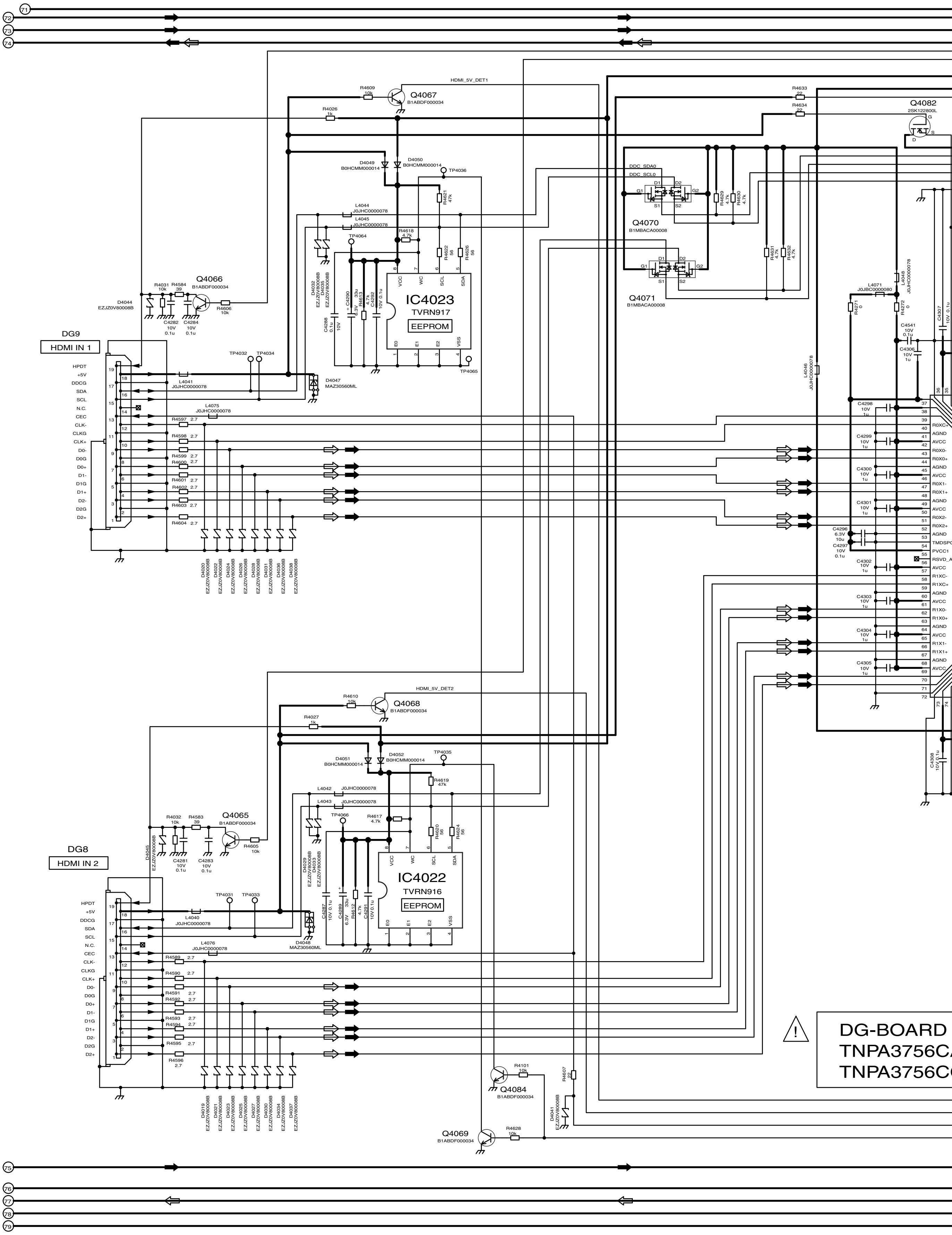

IC4018
C0CBCAC00275
AVR 1.8V
L4073
J0JHC0000078
MAIN1.8V
MAIN3.3V
L4038
J0JHC0000078
IC4019
C1AB00002456
10bit A/D(ADV7499)
R4560
EXB28V220JX
R4561
EXB28V220JX
R4550
EXB28V220JX
R4568
100
SYS_RST(L_3.3V)
from MCU
REFCK_FS
JTAG
IC4020
C1AB00002202
GC3FS
R4569
EXB2HV560JV
R4570
EXB28V560JX
R4571
EXB28V560JX
SUB5V
R4575
4.7k
Q4061
B1ABDF000034
R4572
10k
Q4062
B1ABDF000034
Q4063
B1ABDF000034
Q4064
B1ABDF000034
R4577
2.2k
R4578
2.2k
R4579
2.2k
JTAG_TMS
JTAG_BA_FS
JTAG_GC5_BA
CLKINB
UBIN2
UBIN3
UBIN4
UBIN5
UBIN6
UBIN7
UBIN8
UBIN9
YBIN2
YBIN3
YBIN4
YBIN5
YBIN6
YBIN7
YBIN8
YBIN9
UVIN7
UVIN1
UVIN8
UVIN9
YIN0
YIN1
YIN2
YIN3
YIN4
YIN5
HSIA
SDA1
SCL1
VSIB
HSIB
GC_RST
C4255
50V
5600p
R4548
910
C4252
10V 1u
JS4113
0
(71)
(72)
(73)
(74)
(75)
(76)
(77)
(78)
(79)

DG-BOARD (4/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)

TH-37/42PV600E, TH-37/42PX600B DG-Board (4 of 8) Schematic Diagram

32 33 34 35 36

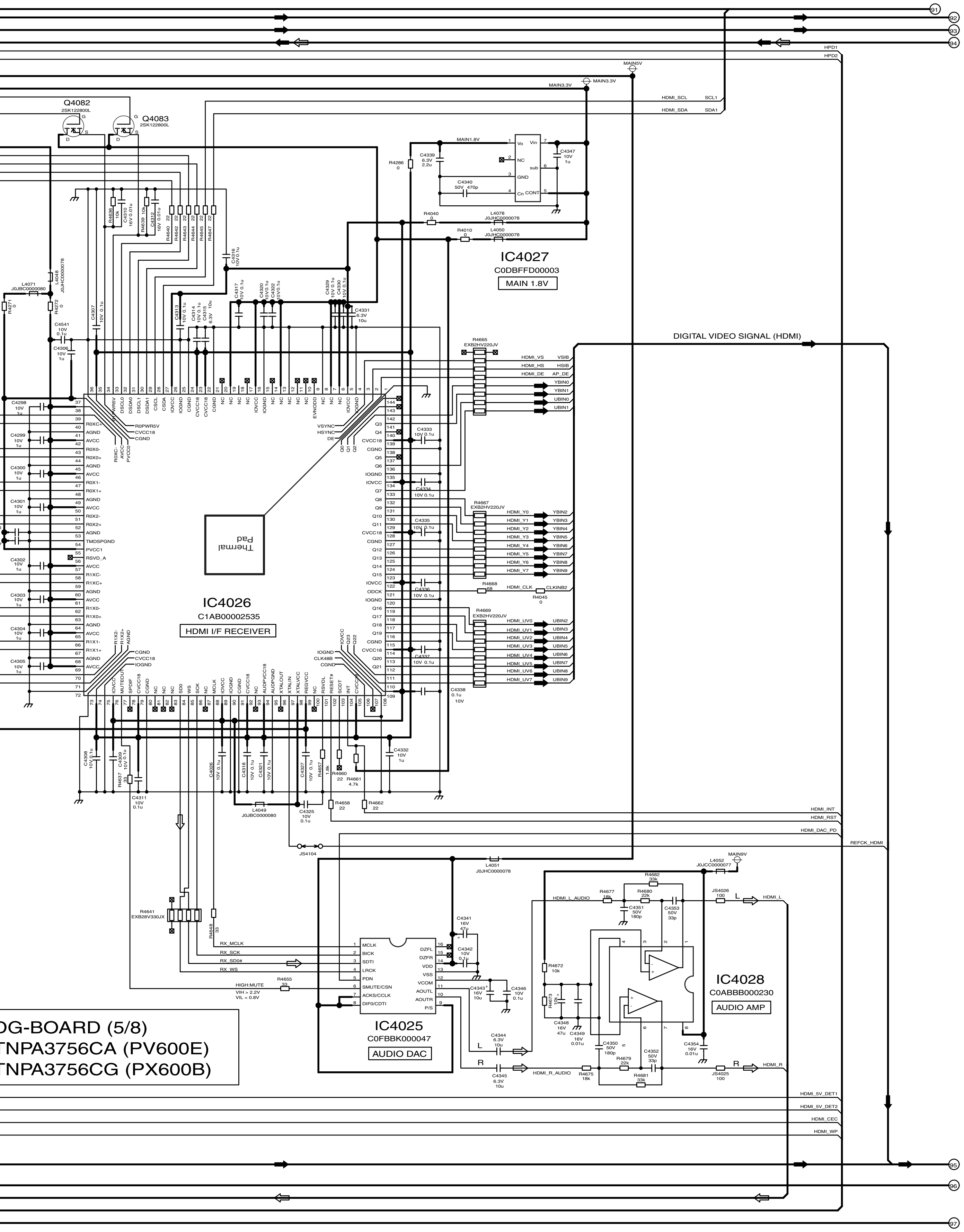
14.37. DG-Board (5 of 8) Schematic Diagram



DG9
HDMI IN 1
DG8
HDMI IN 2
HPDT
+5V
DDCG
SDA
SCL
N.C.
CEC
CLK-
CLKG
CLK+
D0-
D0G
D0+
D1-
D1G
D1+
D2-
D2G
D2+
Q4067
B1ABDF000034
Q4068
Q4066
Q4065
Q4084
Q4069
Q4070
B1MBACA00008
Q4071
Q4082
2SK122800L
IC4023
TVRN917
EEPROM
IC4022
TVRN916
HDMI_5V_DET1
HDMI_5V_DET2
DDC_SDA0
DDC_SCL0
VCC
WC
SCL
SDA
E0
E1
E2
VSS
D4047
MAZ30560ML
D4048
MAZ30560ML
L4041
J0JHC0000078
L4075
L4040
L4076
R0XC+
AGND
AVCC
R0X0-
R0X0+
R0X1-
R0X1+
R0X2-
R0X2+
TMDSPC
PVCC1
RSVD_A
R1XC-
R1XC+
R1X0-
R1X0+
R1X1-
R1X1+
DG-BOARD
TNPA3756C
TNPA3756C

TH-37/42PV600E, TH-37/42PX600B DG-Board (5 of 8) Schematic Diagram

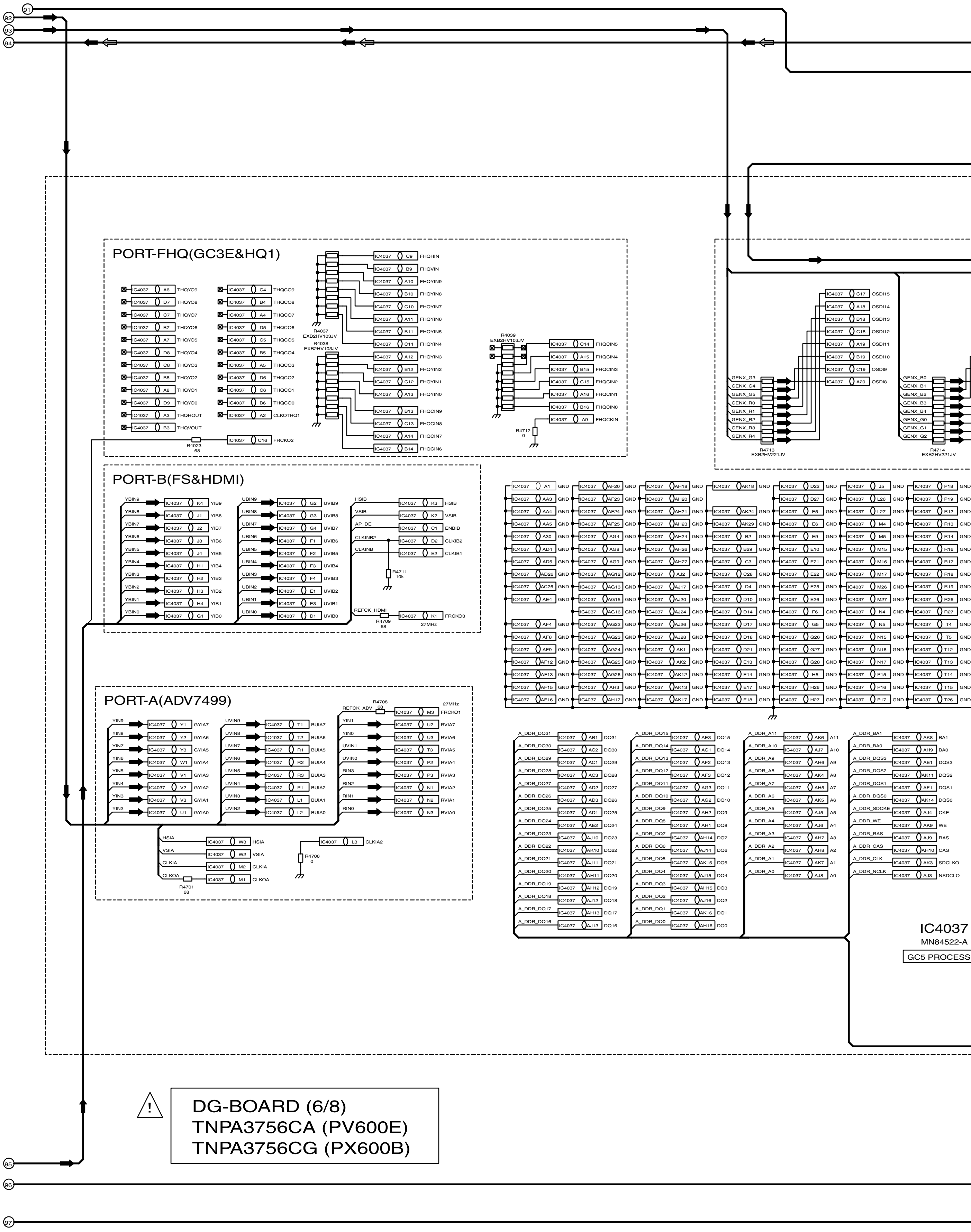
37 38 39 40 41


IC4026
C1AB00002535
HDMI I/F RECEIVER
Thermal Pad
IC4027
C0DBFFD00003
MAIN 1.8V
IC4025
C0FBBK000047
AUDIO DAC
IC4028
C0ABBB000230
AUDIO AMP
Q4082
2SK122800L
Q4083
2SK122800L
DIGITAL VIDEO SIGNAL (HDMI)
MAIN5V
MAIN3.3V
MAIN1.8V
MAIN9V
HDMI_SCL
HDMI_SDA
SCL1
SDA1
HPD1
HPD2
HDMI_VS
HDMI_HS
HDMI_DE
HDMI_CLK
HDMI_INT
HDMI_RST
HDMI_DAC_PD
REFCK_HDMI
HDMI_L_AUDIO
HDMI_R_AUDIO
HDMI_L
HDMI_R
HDMI_5V_DET1
HDMI_5V_DET2
HDMI_CEC
HDMI_WP
RX_MCLK
RX_SCK
RX_SD0#
RX_WS
HIGH:MUTE
VIH > 2.2V
VIL < 0.8V
91
92
93
94
95
96
97
DG-BOARD (5/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)

TH-37/42PV600E, TH-37/42PX600B DG-Board (5 of 8) Schematic Diagram

41	42	43	44	45

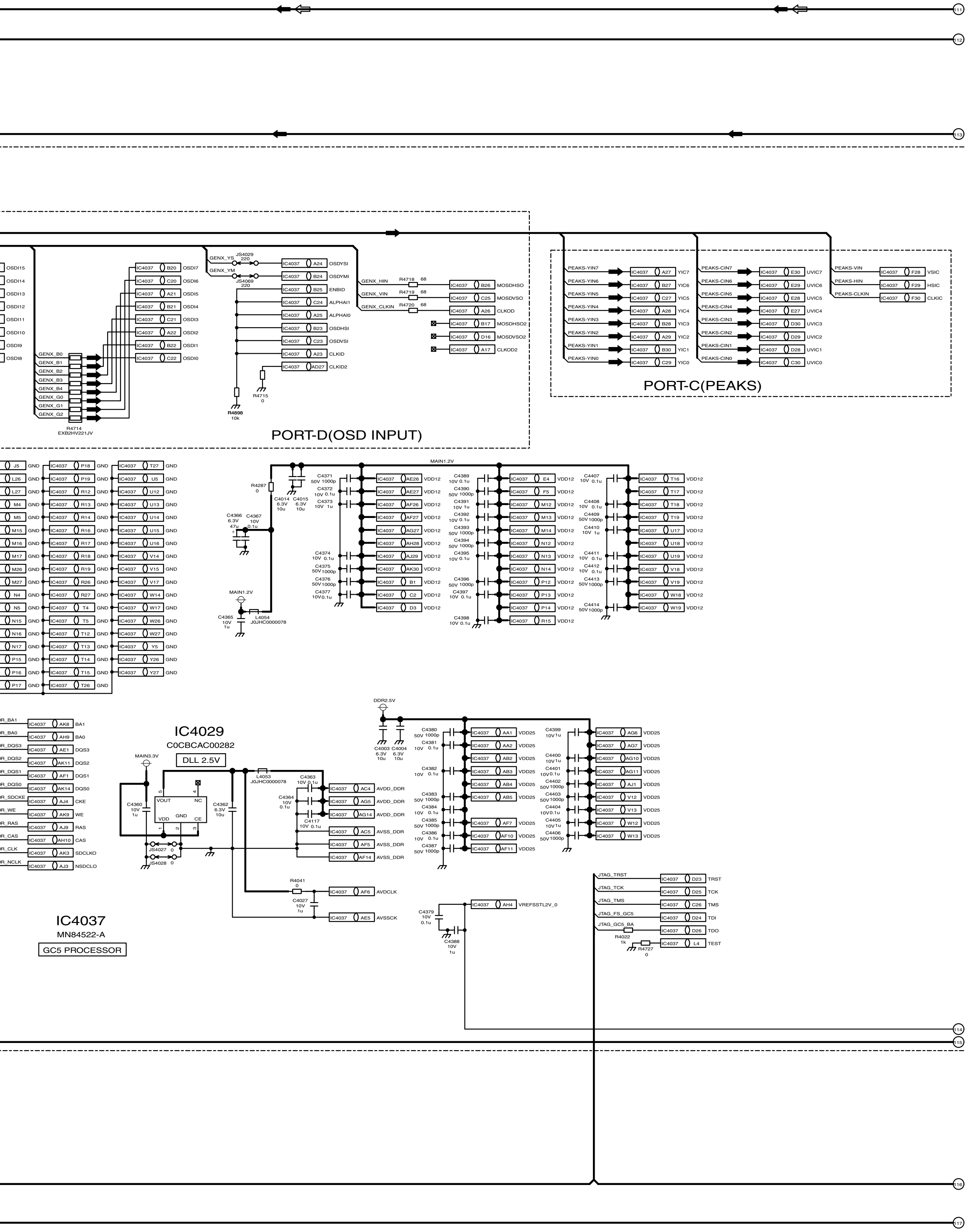
14.38. DG-Board (6 of 8) Schematic Diagram


91
92
93
94
95
96
97
PORT-FHQ(GC3E&HQ1)
PORT-B(FS&HDMI)
PORT-A(ADV7499)
R4037 EXB2HV103JV
R4038 EXB2HV103JV
R4039 EXB2HV103JV
R4713 EXB2HV221JV
R4714 EXB2HV221JV
R4023 68
R4709 68
R4708 68
R4701 68
R4711 10k
R4706 0
R4712 0
27MHz
IC4037
MN84522-A
GC5 PROCESS

DG-BOARD (6/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)

TH-37/42PV600E, TH-37/42PX600B DG-Board (6 of 8) Schematic Diagram

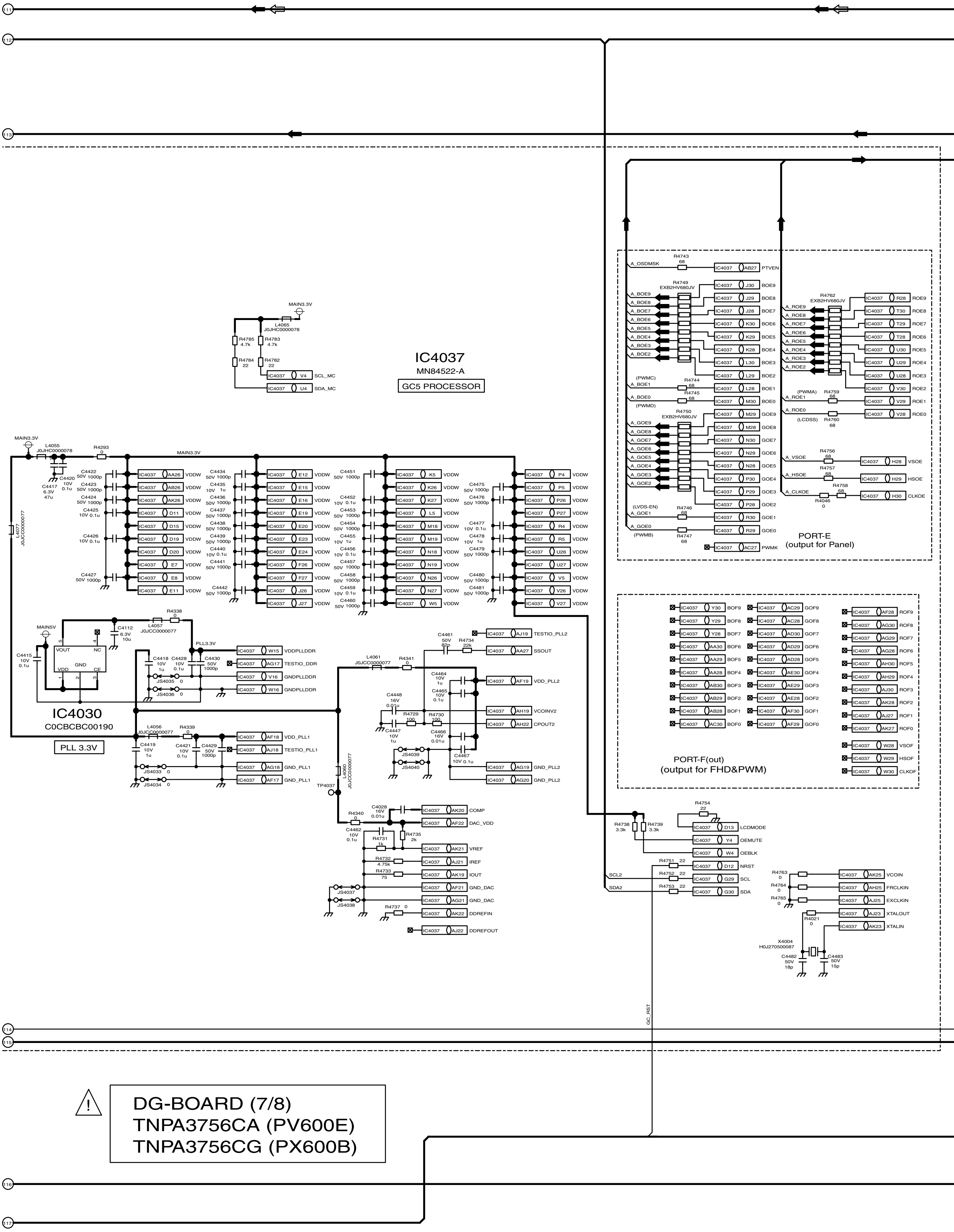
46
47
48
49
50


PORT-D(OSD INPUT)
PORT-C(PEAKS)
MAIN1.2V
IC4029
C0CBAC00282
DLL 2.5V
MAIN3.3V
DDR2.5V
IC4037
MN84522-A
GC5 PROCESSOR
R4714
EXB2HV221JV
R4898
10k
R4715
0
JS4029
JS4069
L4053
J0JHC0000078
L4054
J0JHC0000078
JTAG_TRST
JTAG_TCK
JTAG_TMS
JTAG_FS_GC5
JTAG_GC5_BA
R4022
1k
R4727
0
R4041
0
R4287
0
VOUT
NC
VDD
GND
CE
JS4027
JS4028
11
12
13
14
15
16
17

TH-37/42PV600E, TH-37/42PX600B DG-Board (6 of 8) Schematic Diagram

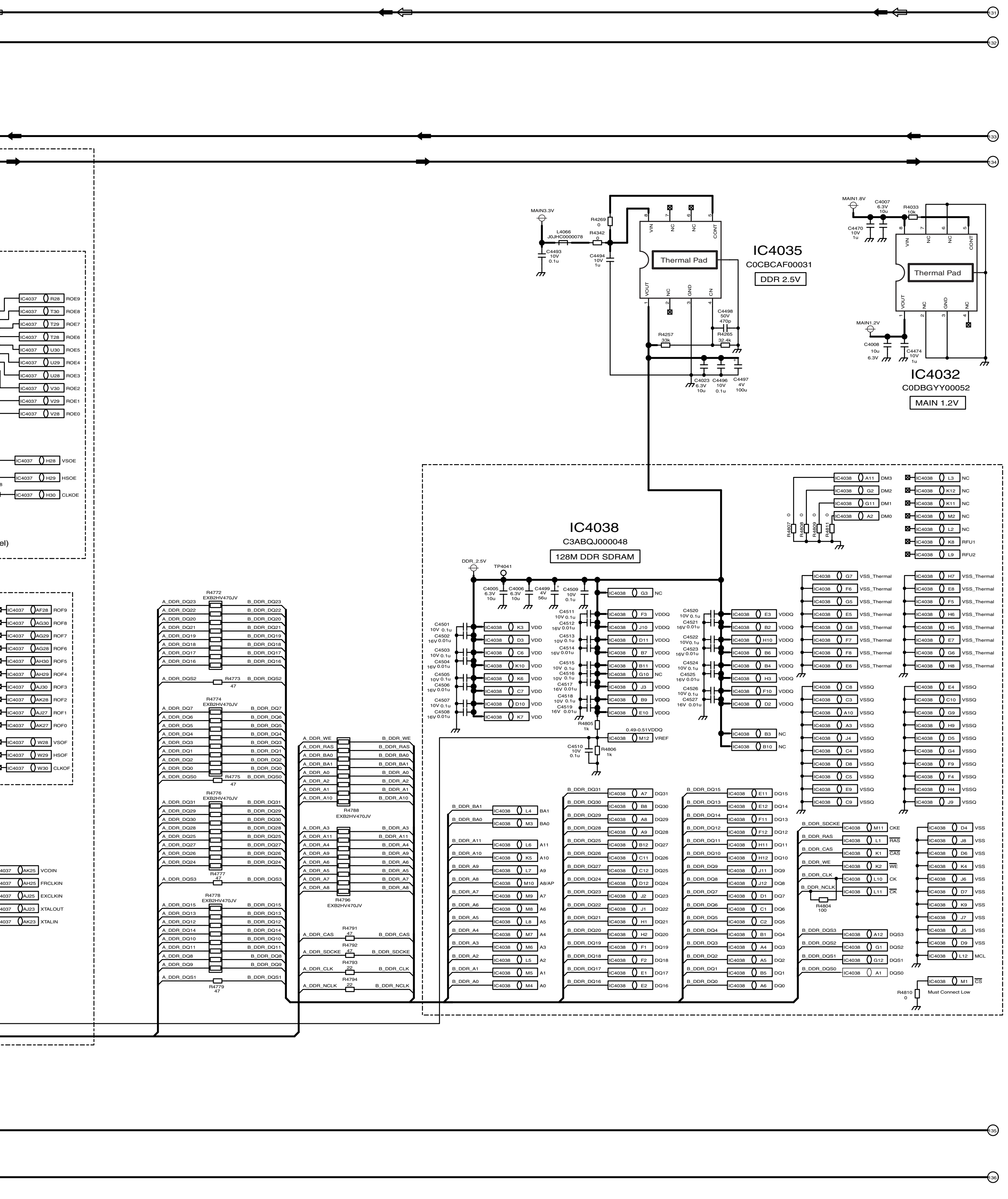
50 51 52 53 54

14.39. DG-Board (7 of 8) Schematic Diagram


IC4037
MN84522-A
GC5 PROCESSOR
IC4030
C0CBCBC00190
PLL 3.3V
PORT-E
(output for Panel)
PORT-F(out)
(output for FHD&PWM)
DG-BOARD (7/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)

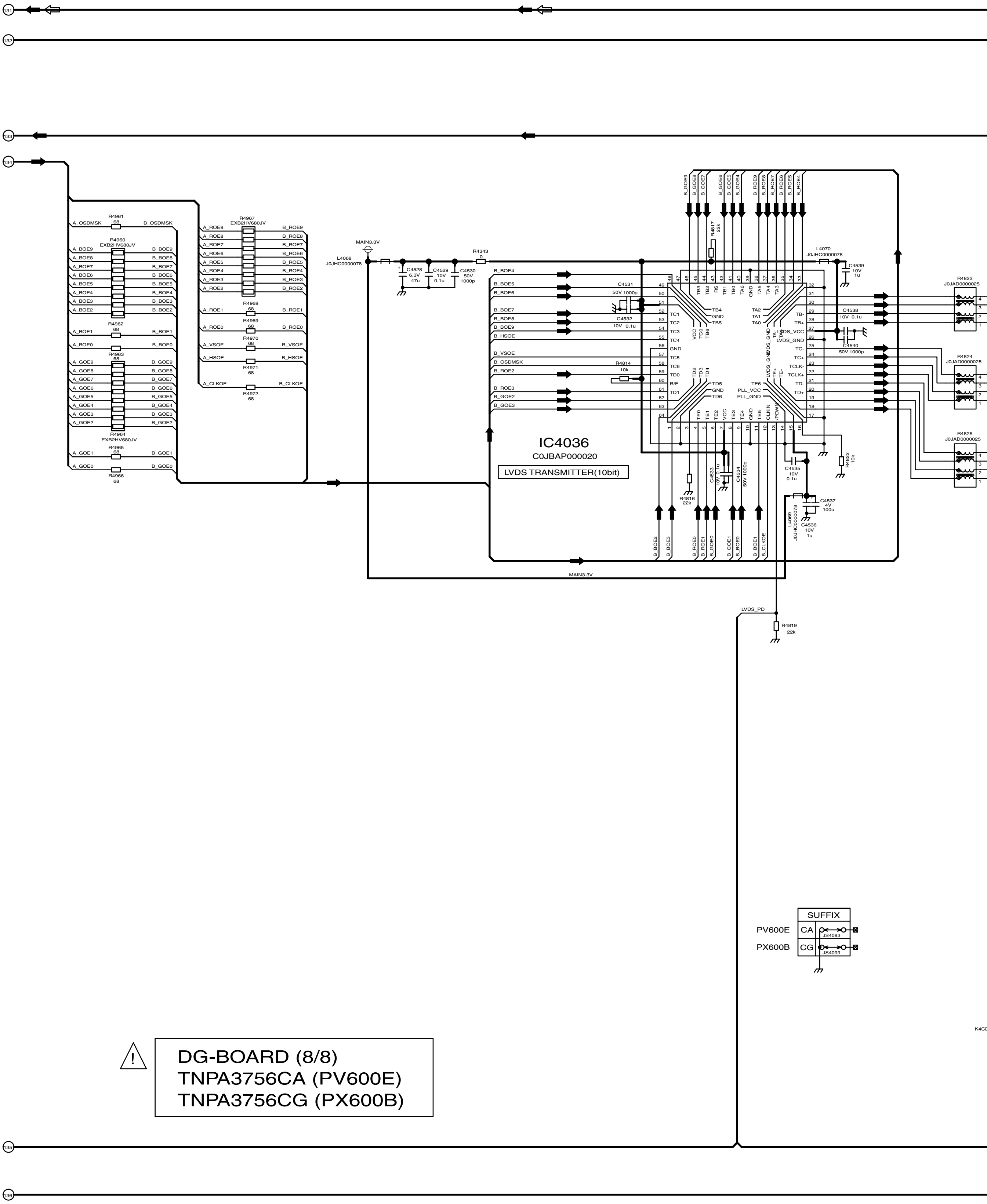
TH-37/42PV600E, TH-37/42PX600B DG-Board (7 of 8) Schematic Diagram

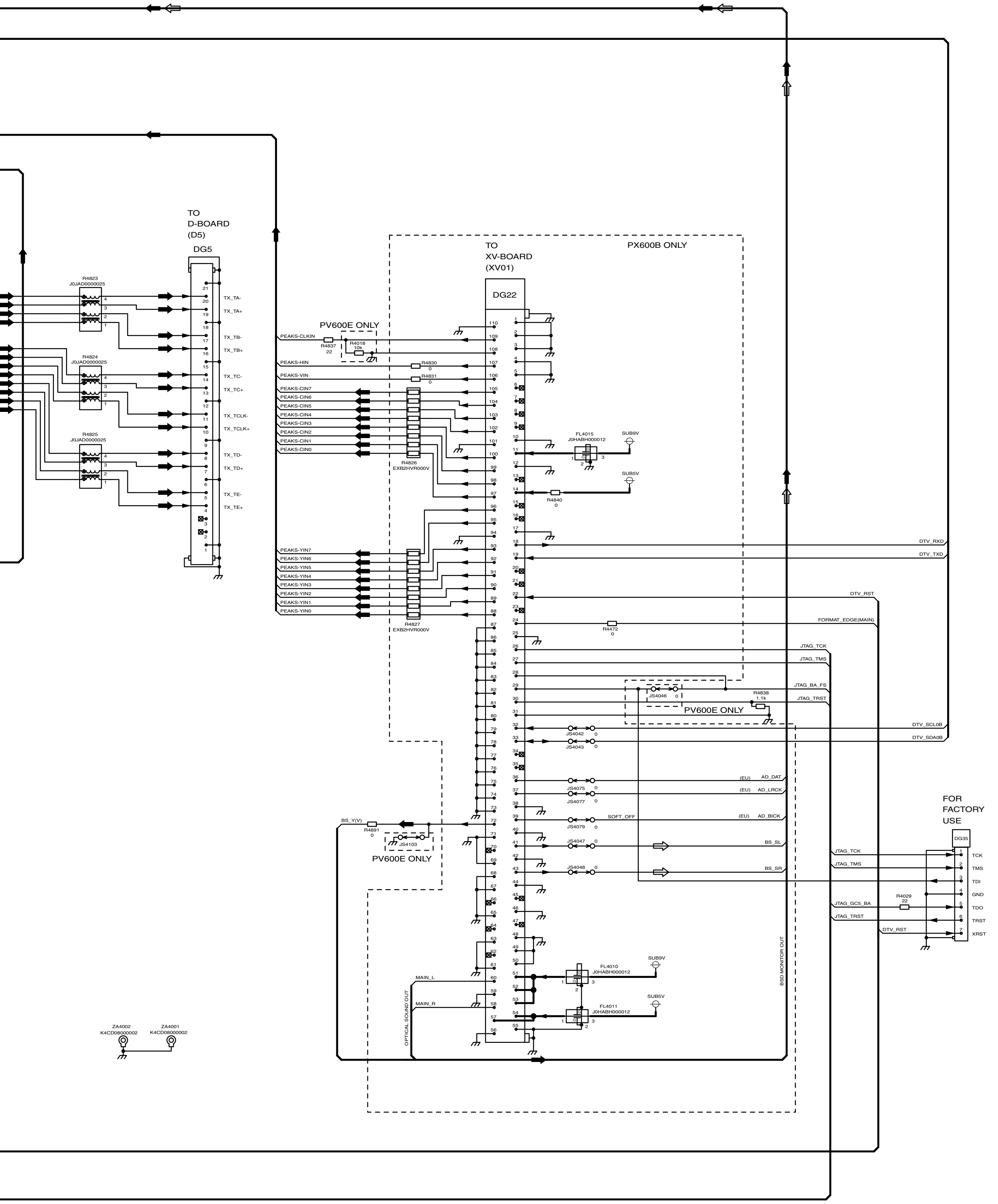
55 56 57 58 59


IC4035
C0CBCAF00031
DDR 2.5V
Thermal Pad
IC4032
C0DBGYY00052
MAIN 1.2V
IC4038
C3ABQJ000048
128M DDR SDRAM
MAIN3.3V
MAIN1.8V
MAIN1.2V
DDR_2.5V
TP4041

TH-37/42PV600E, TH-37/42PX600B DG-Board (7 of 8) Schematic Diagram

14.40. DG-Board (8 of 8) Schematic Diagram

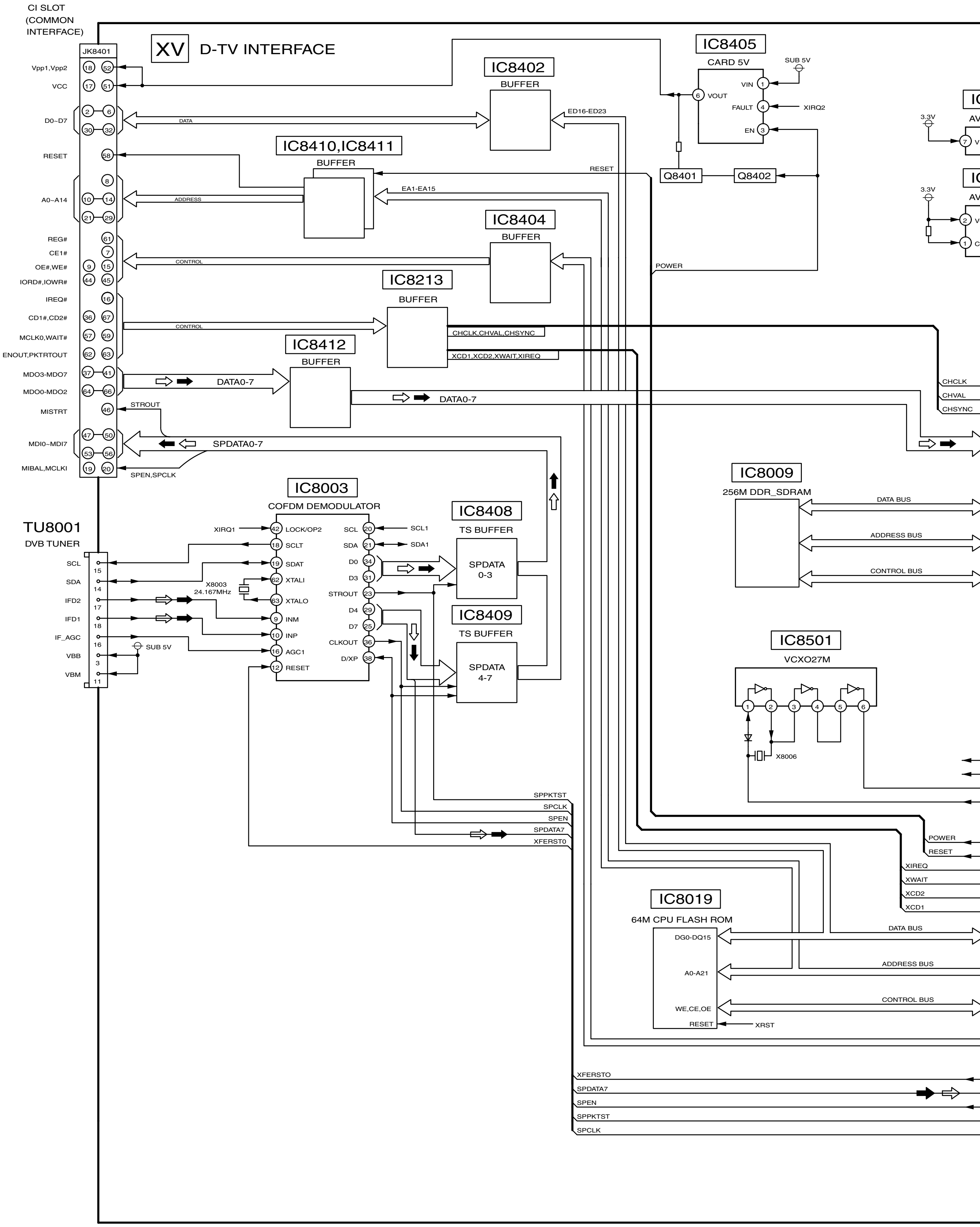

IC4036
C0JBAP000020
LVDS TRANSMITTER(10bit)
MAIN3.3V
L4068 J0JHC0000078
L4069 J0JHC0000078
L4070 J0JHC0000078
R4960 EXB2HV680JV
R4964 EXB2HV680JV
R4967 EXB2HV680JV
R4961 68
R4962 68
R4963 68
R4965 68
R4966 68
R4968 68
R4969 68
R4970 68
R4971 68
R4972 68
R4343 0
R4814 10k
R4816 22k
R4817 22k
R4819 22k
R4822 10k
R4823 J0JAD0000025
R4824 J0JAD0000025
R4825 J0JAD0000025
C4528 6.3V 47u
C4529 10V 0.1u
C4530 50V 1000p
C4531 50V 1000p
C4532 10V 0.1u
C4533 10V 0.1u
C4534 50V 1000p
C4535 10V 0.1u
C4536 10V 1u
C4537 4V 100u
C4538 10V 0.1u
C4539 10V 1u
C4540 50V 1000p
A_OSDMSK
B_OSDMSK
A_VSOE
B_VSOE
A_HSOE
B_HSOE
A_CLKOE
B_CLKOE
LVDS_PD
SUFFIX
PV600E
CA
JS4093
PX600B
CG
JS4099
K4C
DG-BOARD (8/8)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)


TO
D-BOARD
(D5)
DG5
R4823
J0JAD0000025
R4824
J0JAD0000025
R4825
J0JAD0000025
TX_TA-
TX_TA+
TX_TB-
TX_TB+
TX_TC-
TX_TC+
TX_TCLK-
TX_TCLK+
TX_TD-
TX_TD+
TX_TE-
TX_TE+
PV600E ONLY
PEAKS-CLKIN
R4837
22
R4018
10k
PEAKS-HIN
PEAKS-VIN
R4830
0
R4831
0
PEAKS-CIN7
PEAKS-CIN6
PEAKS-CIN5
PEAKS-CIN4
PEAKS-CIN3
PEAKS-CIN2
PEAKS-CIN1
PEAKS-CIN0
R4826
EXB2HVR000V
PEAKS-YIN7
PEAKS-YIN6
PEAKS-YIN5
PEAKS-YIN4
PEAKS-YIN3
PEAKS-YIN2
PEAKS-YIN1
PEAKS-YIN0
R4827
EXB2HVR000V
TO
XV-BOARD
(XV01)
PX600B ONLY
DG22
FL4015
J0HABH000012
SUB9V
SUB5V
R4840
0
DTV_RXD
DTV_TXD
DTV_RST
FORMAT_EDGE(MAIN)
R4472
0
JTAG_TCK
JTAG_TMS
JTAG_BA_FS
JTAG_TRST
JS4046
R4838
1.1k
PV600E ONLY
DTV_SCL0B
DTV_SDA0B
JS4042
JS4043
JS4075
JS4077
JS4079
JS4047
JS4048
(EU)
AD_DAT
AD_LRCK
SOFT_OFF
AD_BICK
BS_SL
BS_SR
BS_Y(V)
R4891
0
JS4103
PV600E ONLY
MAIN_L
MAIN_R
OPTICAL SOUND OUT
FL4010
J0HABH000012
FL4011
J0HABH000012
BSD MONITOR OUT
FOR
FACTORY
USE
DG35
JTAG_TCK
JTAG_TMS
JTAG_GC5_BA
JTAG_TRST
DTV_RST
R4029
22
TCK
TMS
TDI
GND
TDO
TRST
XRST
ZA4002
K4CD08000002
ZA4001
K4CD08000002

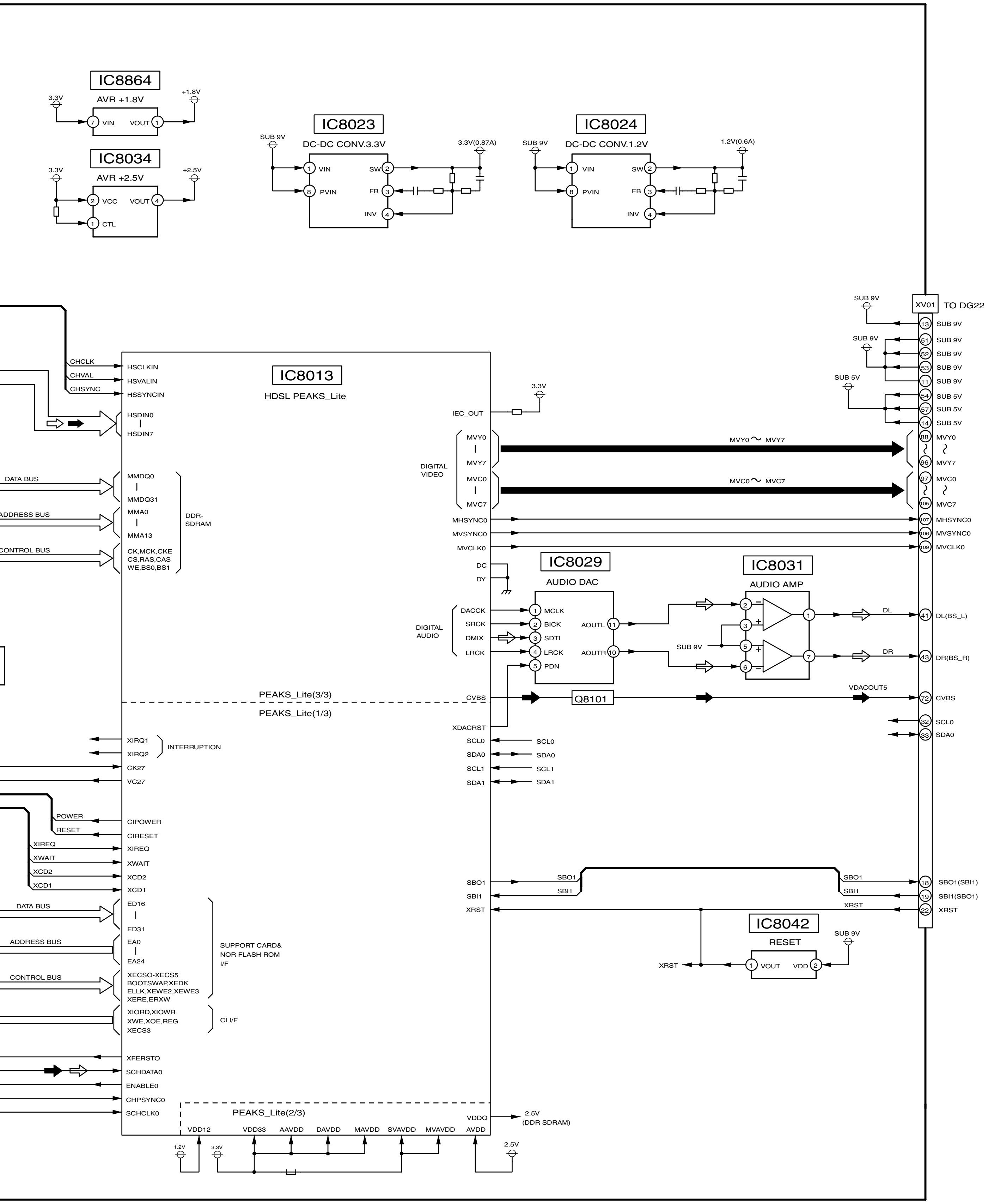
TH-37/42PV600E, TH-37/42PX600B
DG-Board (8 of 8) Schematic Diagram

68 69 70 71 72

14.41. XV-Board Block Diagram (PX600B)

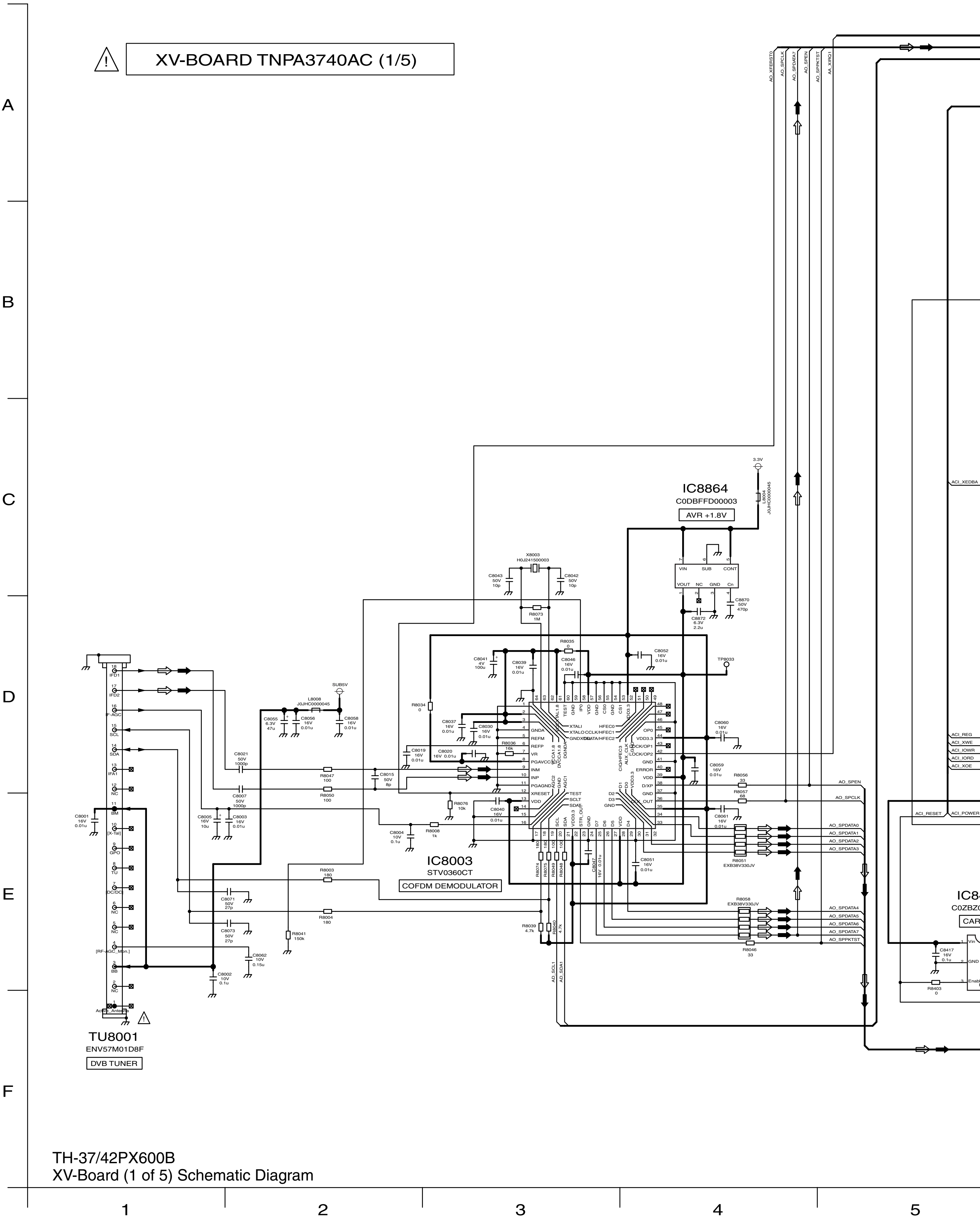

CI SLOT
(COMMON
INTERFACE)
JK8401
XV
D-TV INTERFACE
Vpp1,Vpp2
VCC
D0~D7
RESET
A0~A14
REG#
CE1#
OE#,WE#
IORD#,IOWR#
IREQ#
CD1#,CD2#
MCLK0,WAIT#
ENOUT,PKTRTOUT
MDO3-MDO7
MDO0-MDO2
MISTRT
MDI0~MDI7
MIBAL,MCLKI
DATA
ADDRESS
CONTROL
CONTROL
DATA0-7
DATA0-7
STROUT
SPDATA0-7
SPEN,SPCLK
IC8402
BUFFER
ED16-ED23
IC8410,IC8411
BUFFER
EA1-EA15
RESET
IC8404
BUFFER
IC8213
BUFFER
CHCLK,CHVAL,CHSYNC
XCD1,XCD2,XWAIT,XIREQ
IC8412
BUFFER
IC8405
CARD 5V
SUB 5V
VIN
VOUT
FAULT
XIRQ2
EN
Q8401
Q8402
POWER
3.3V
3.3V
CHCLK
CHVAL
CHSYNC
IC8009
256M DDR_SDRAM
DATA BUS
ADDRESS BUS
CONTROL BUS
IC8003
COFDM DEMODULATOR
XIRQ1
LOCK/OP2
SCLT
SDAT
XTALI
XTALO
INM
INP
AGC1
RESET
SCL
SDA
D0
D3
STROUT
D4
D7
CLKOUT
D/XP
SCL1
SDA1
X8003
24.167MHz
TU8001
DVB TUNER
SCL
SDA
IFD2
IFD1
IF_AGC
VBB
VBM
SUB 5V
IC8408
TS BUFFER
SPDATA
0-3
IC8409
TS BUFFER
SPDATA
4-7
IC8501
VCXO27M
X8006
SPPKTST
SPCLK
SPEN
SPDATA7
XFERST0
POWER
RESET
XIREQ
XWAIT
XCD2
XCD1
IC8019
64M CPU FLASH ROM
DG0-DQ15
A0-A21
WE,CE,OE
RESET
XRST
DATA BUS
ADDRESS BUS
CONTROL BUS
XFERSTO
SPDATA7
SPEN
SPPKTST
SPCLK

TH-37/42PX600B
XV-Board Block Diagram

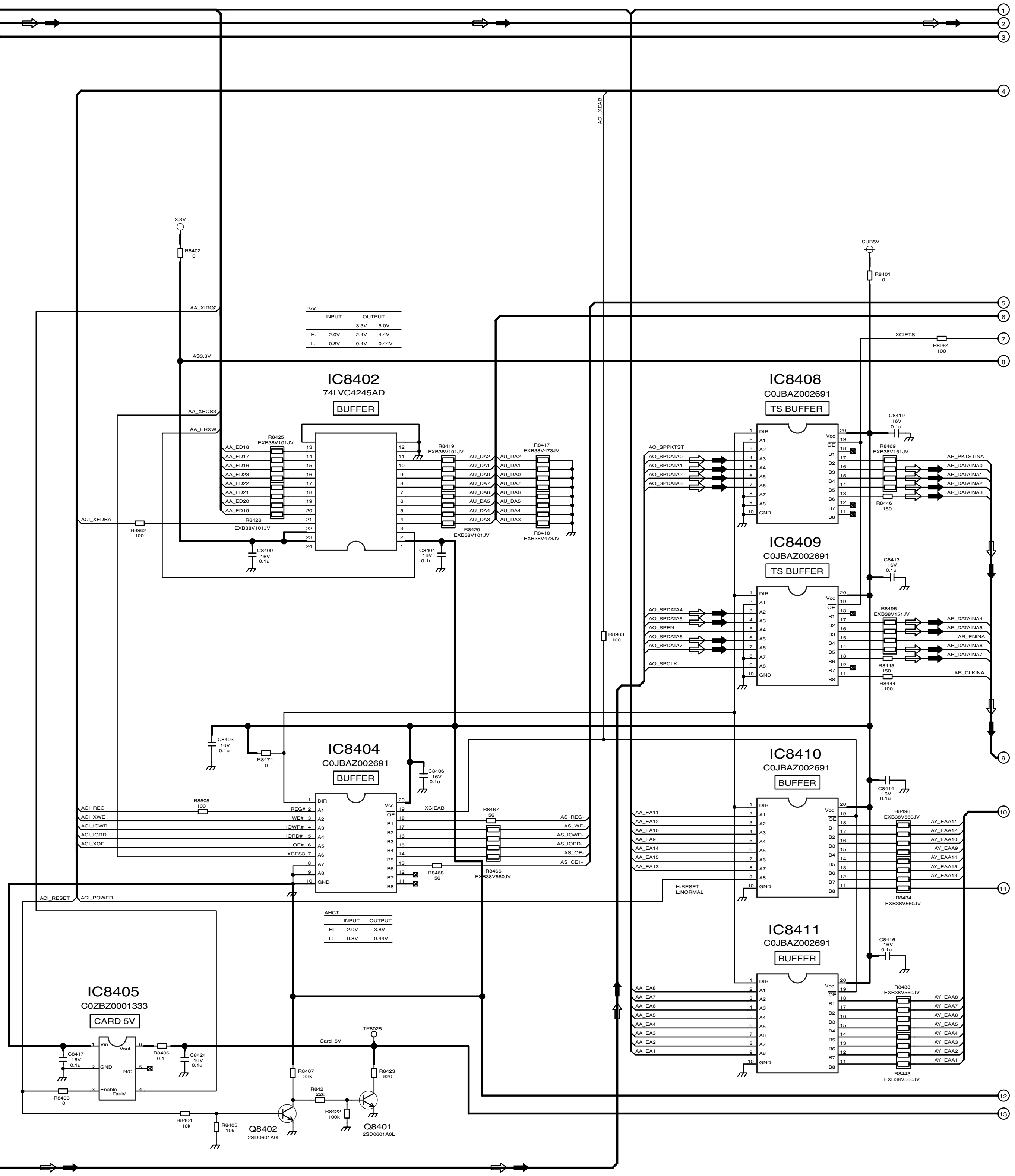

IC8864
AVR +1.8V
3.3V
+1.8V
VIN
VOUT
IC8034
AVR +2.5V
3.3V
+2.5V
VCC
VOUT
CTL
IC8023
DC-DC CONV.3.3V
SUB 9V
3.3V(0.87A)
VIN
PVIN
SW
FB
INV
IC8024
DC-DC CONV.1.2V
SUB 9V
1.2V(0.6A)
VIN
PVIN
SW
FB
INV
XV01
TO DG22
SUB 9V
SUB 5V
IC8013
HDSL PEAKS_Lite
CHCLK
CHVAL
CHSYNC
HSCLKIN
HSVALIN
HSSYNCIN
HSDIN0
HSDIN7
DATA BUS
ADDRESS BUS
CONTROL BUS
MMDQ0
MMDQ31
MMA0
MMA13
CK,MCK,CKE
CS,RAS,CAS
WE,BS0,BS1
DDR-SDRAM
IEC_OUT
3.3V
DIGITAL VIDEO
MVY0
MVY7
MVC0
MVC7
MHSYNC0
MVSYNC0
MVCLK0
MVY0 ~ MVY7
MVC0 ~ MVC7
DC
DY
IC8029
AUDIO DAC
DIGITAL AUDIO
DACCK
SRCK
DMIX
LRCK
MCLK
BICK
SDTI
LRCK
PDN
AOUTL
AOUTR
IC8031
AUDIO AMP
SUB 9V
DL
DR
DL(BS_L)
DR(BS_R)
PEAKS_Lite(3/3)
PEAKS_Lite(1/3)
CVBS
Q8101
VDACOUT5
XDACRST
SCL0
SDA0
SCL1
SDA1
XIRQ1
XIRQ2
INTERRUPTION
CK27
VC27
POWER
RESET
CIPOWER
CIRESET
XIREQ
XWAIT
XCD2
XCD1
ED16
ED31
EA0
EA24
XECSO-XECS5
BOOTSWAP,XEDK
ELLK,XEWE2,XEWE3
XERE,ERXW
SUPPORT CARD&
NOR FLASH ROM
I/F
XIORD,XIOWR
XWE,XOE,REG
XECS3
CI I/F
SBO1
SBI1
XRST
SBO1(SBI1)
SBI1(SBO1)
IC8042
RESET
VOUT
VDD
XFERSTO
SCHDATA0
ENABLE0
CHPSYNC0
SCHCLK0
PEAKS_Lite(2/3)
VDDQ
2.5V
(DDR SDRAM)
VDD12
VDD33
AAVDD
DAVDD
MAVDD
SVAVDD
MVAVDD
AVDD
1.2V
3.3V
2.5V

TH-37/42PX600B
XV-Board Block Diagram

14.42. XV-Board (1 of 5) Schematic Diagram (PX600B)


XV-BOARD TNPA3740AC (1/5)
A
B
C
D
E
F
1
2
3
4
5
AO_XFERST0
AO_SPCLK
AO_SPDATA7
AO_SPEN
AO_SPPKTST
AA_XIRQ1
IC8864
C0DBFFD00003
AVR +1.8V
VIN
SUB
CONT
VOUT
NC
GND
Cn
3.3V
L8804
J0JHC0000045
C8870
50V
470p
C8872
6.3V
2.2u
X8003
H0J241500003
C8043
50V
10p
C8042
50V
10p
R8073
1M
R8035
0
C8052
16V
0.01u
TP8033
C8041
4V
100u
C8039
16V
0.01u
C8046
16V
0.01u
SUB5V
L8008
J0JHC0000045
C8055
6.3V
47u
C8056
16V
0.01u
C8058
16V
0.01u
R8034
0
C8037
16V
0.01u
C8030
16V
0.01u
R8036
16k
C8019
16V
0.01u
C8020
16V 0.01u
C8021
50V
1000p
R8047
100
C8015
50V
8p
R8050
100
C8007
50V
1000p
R8076
10k
C8040
16V
0.01u
C8004
10V
0.1u
R8008
1k
C8001
16V
0.01u
C8005
16V
10u
C8003
16V
0.01u
R8003
180
R8004
180
C8071
50V
27p
C8073
50V
27p
R8041
150k
C8062
10V
0.15u
C8002
10V
0.1u
IC8003
STV0360CT
COFDM DEMODULATOR
GNDA
REFM
REFP
VR
PGAVCC
INM
INP
PGAGND
XRESET
VDD
XTALI
XTALO
GNDXTAL
CCLK/HFEC1
DATA/HFEC2
HFEC0
OP0
VDD3.3
LOCK/OP1
LOCK/OP2
GND
ERROR
VDD
D/XP
GND
CLK_OUT
TEST
SCLT
SDAT
D2
D3
GND
D1
D0
VDD3.3
AGC1
AGC2
SCL
SDA
STR_OUT
R8074
R8075
R8049
R8048
C8047
16V 0.01u
C8051
16V
0.01u
R8039
4.7k
R8040
4.7k
AD_SCL1
AD_SDA1
C8060
16V
0.01u
C8059
16V
0.01u
R8056
33
R8057
68
C8061
16V
0.01u
R8051
EXB38V330JV
R8058
EXB38V330JV
R8046
33
AO_SPEN
AO_SPCLK
AO_SPDATA0
AO_SPDATA1
AO_SPDATA2
AO_SPDATA3
AO_SPDATA4
AO_SPDATA5
AO_SPDATA6
AO_SPDATA7
AO_SPPKTST
ACI_XEDBA
ACI_REG
ACI_XWE
ACI_IOWR
ACI_IORD
ACI_XOE
ACI_RESET
ACI_POWER
IC8
C0ZBZ
CAR
Vin
GND
Enabl
C8417
16V
0.1u
R8403
0
IFD1
IFD2
IF-AGC
SCL
SDA
IFA1
NC
BM
[X-Tal]
GPO
TU
DC/DC
NC
NC
[RF-AGC_Mon.]
BB
NC
Active_Antenna
TU8001
ENV57M01D8F
DVB TUNER

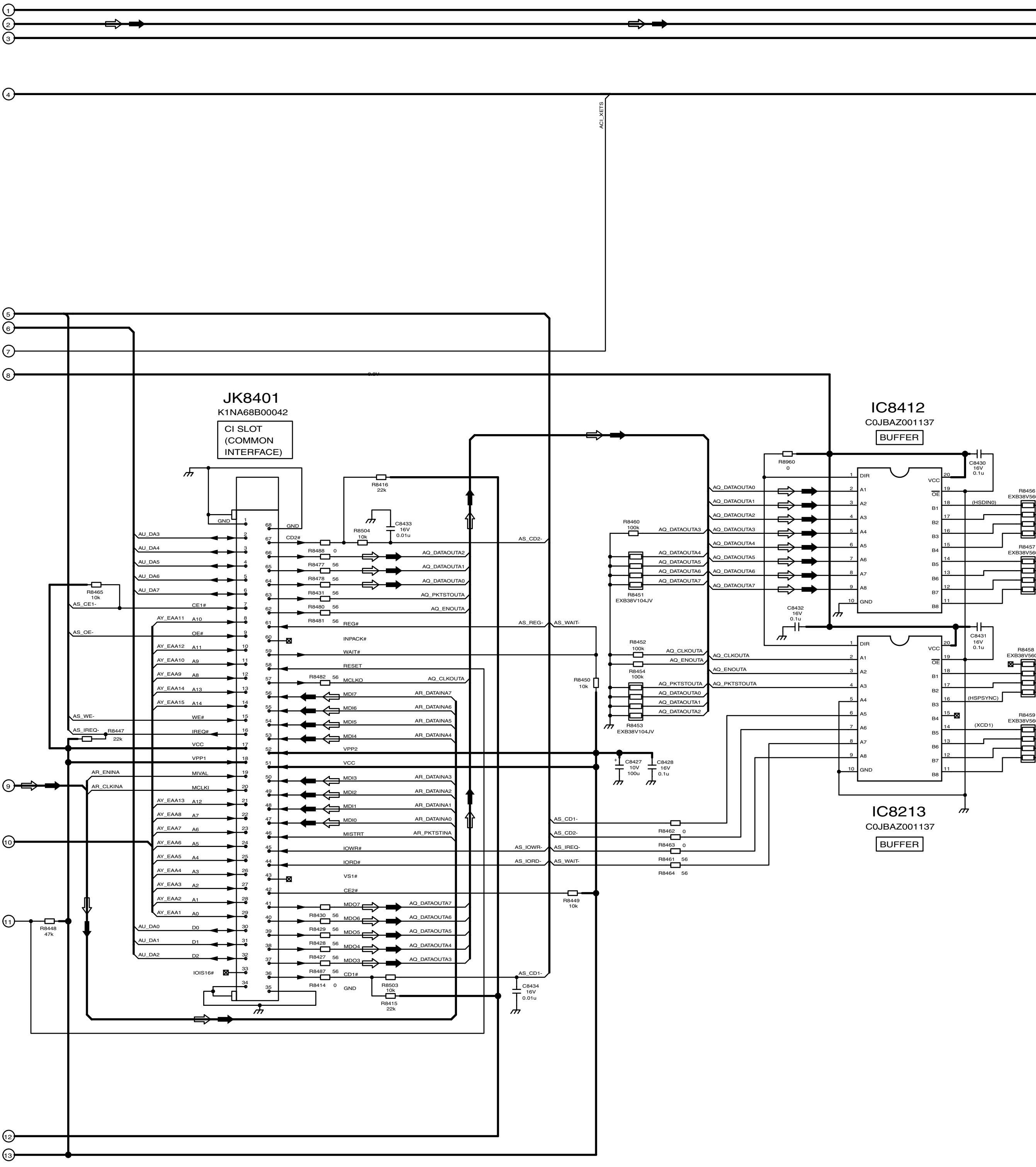
TH-37/42PX600B
XV-Board (1 of 5) Schematic Diagram


IC8402
74LVC4245AD
BUFFER
IC8408
C0JBAZ002691
TS BUFFER
IC8409
C0JBAZ002691
TS BUFFER
IC8404
C0JBAZ002691
BUFFER
IC8410
C0JBAZ002691
BUFFER
IC8411
C0JBAZ002691
BUFFER
IC8405
C0ZBZ0001333
CARD 5V
Q8402
2SD0601A0L
Q8401
2SD0601A0L
3.3V
SUB5V
AS3.3V
AA_XIRQ2
AA_XECS3
AA_ERXW
ACI_XEDBA
ACI_XEAB
ACI_REG
ACI_XWE
ACI_IOWR
ACI_IORD
ACI_XOE
ACI_RESET
ACI_POWER
XCIETS
XCIEAB
Card_5V
TP8025
LVX
INPUT
OUTPUT
3.3V
5.0V
H:
2.0V
2.4V
4.4V
L:
0.8V
0.4V
0.44V
AHCT
INPUT
OUTPUT
H:
2.0V
3.8V
L:
0.8V
0.44V
H:RESET
L:NORMAL
AS_REG-
AS_WE-
AS_IOWR-
AS_IORD-
AS_OE-
AS_CE1-
AR_PKTSTINA
AR_DATAINA0
AR_DATAINA1
AR_DATAINA2
AR_DATAINA3
AR_DATAINA4
AR_DATAINA5
AR_ENINA
AR_DATAINA6
AR_DATAINA7
AR_CLKINA
AO_SPPKTST
AO_SPDATA0
AO_SPDATA1
AO_SPDATA2
AO_SPDATA3
AO_SPDATA4
AO_SPDATA5
AO_SPEN
AO_SPDATA6
AO_SPDATA7
AO_SPCLK
1
2
3
4
5
6
7
8
9
10
11
12
13

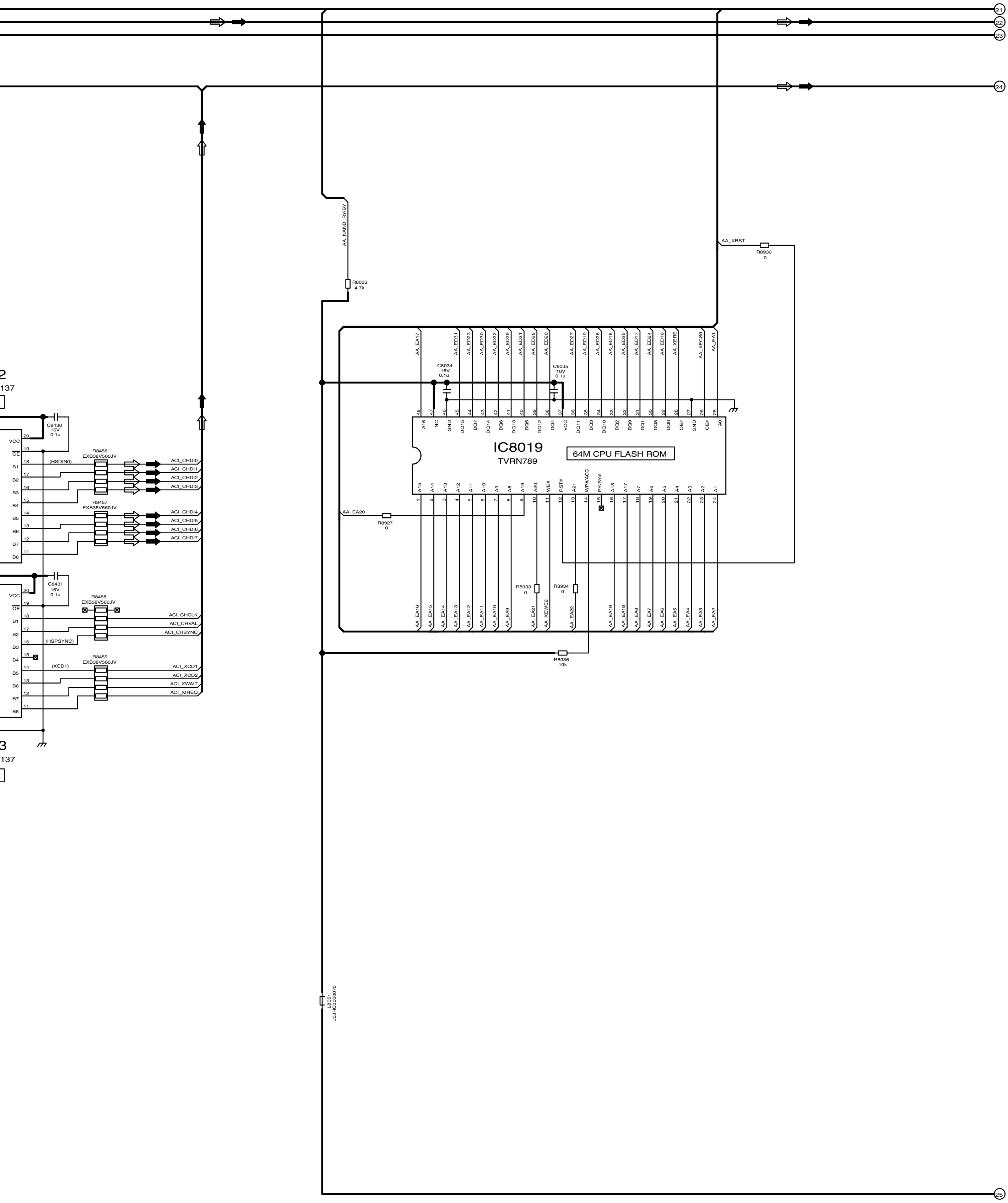
TH-37/42PX600B
XV-Board (1 of 5) Schematic Diagram

5 6 7 8 9

14.43. XV-Board (2 of 5) Schematic Diagram (PX600B)


JK8401
K1NA68B00042
CI SLOT
(COMMON
INTERFACE)
IC8412
C0JBAZ001137
BUFFER
IC8213
C0JBAZ001137
BUFFER
AQ_DATAOUTA0
AQ_DATAOUTA1
AQ_DATAOUTA2
AQ_DATAOUTA3
AQ_DATAOUTA4
AQ_DATAOUTA5
AQ_DATAOUTA6
AQ_DATAOUTA7
AQ_CLKOUTA
AQ_ENOUTA
AQ_PKTSTOUTA
AR_DATAINA0
AR_DATAINA1
AR_DATAINA2
AR_DATAINA3
AR_DATAINA4
AR_DATAINA5
AR_DATAINA6
AR_DATAINA7
AR_PKTSTINA
AR_ENINA
AR_CLKINA
AS_CE1-
AS_OE-
AS_WE-
AS_IREQ-
AS_REG-
AS_WAIT-
AS_CD1-
AS_CD2-
AS_IOWR-
AS_IORD-
R8451
EXB38V104JV
R8453
EXB38V104JV
(HSDIN0)
(HSPSYNC)
(XCD1)
1
2
3
4
5
6
7
8
9
10
11
12
13

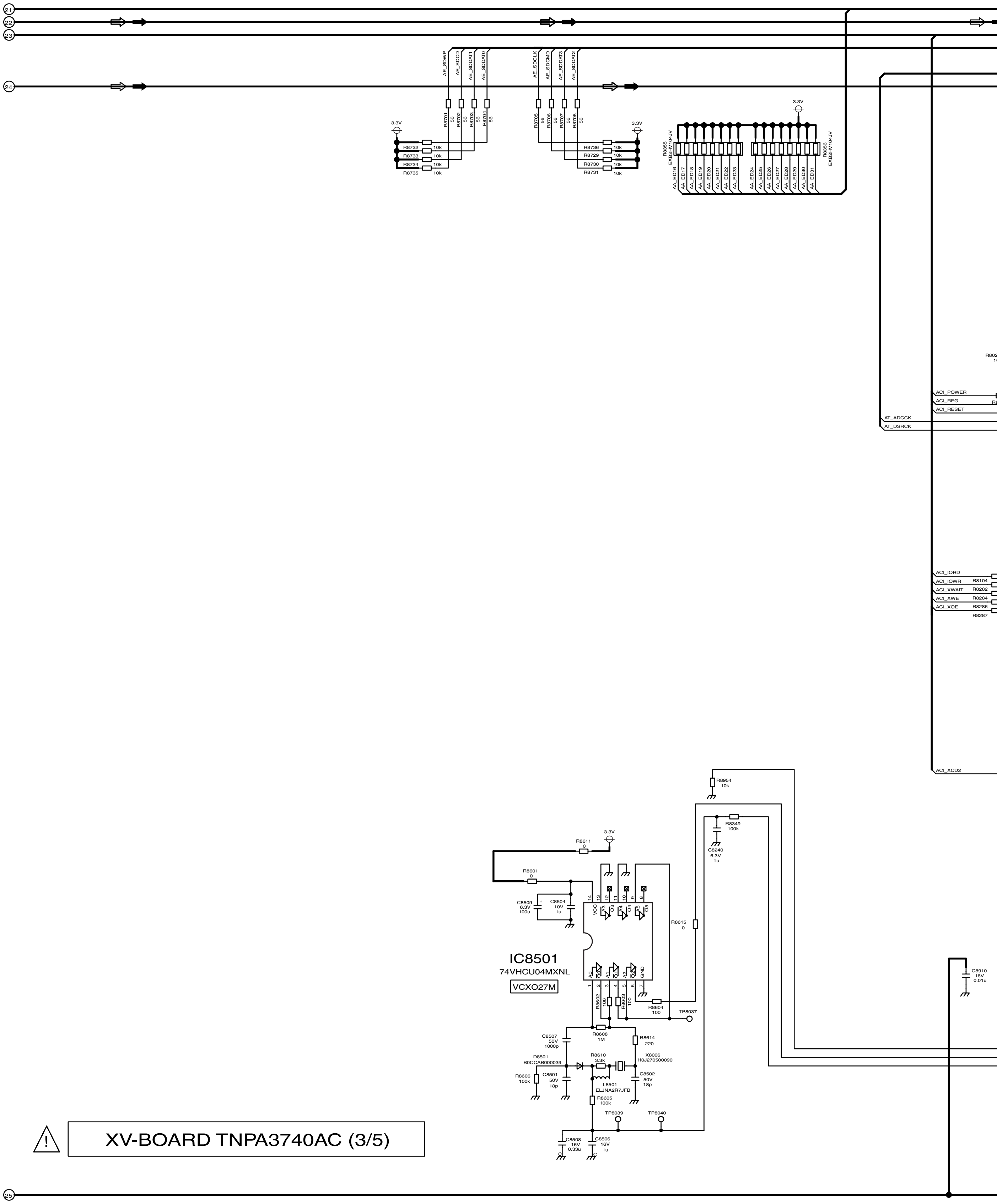
XV-BOARD TNPA3740AC (2/5)

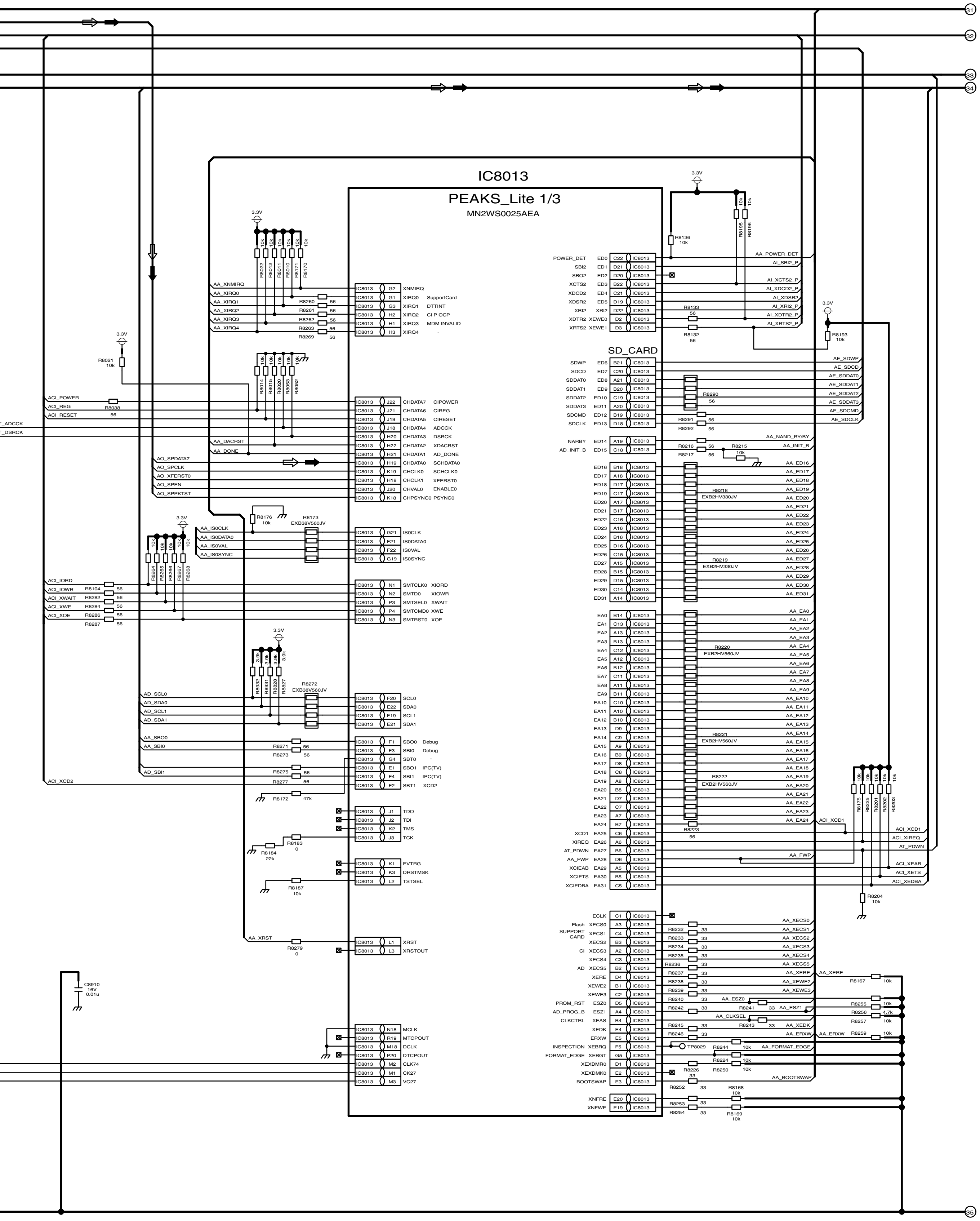

21
22
23
24
25
AA_NAND_RY/BY
R8033
4.7k
AA_XRST
R8930
0
IC8019
TVRN789
64M CPU FLASH ROM
C8034
16V
0.1u
C8035
16V
0.1u
AA_EA17
AA_ED31
AA_ED23
AA_ED30
AA_ED22
AA_ED29
AA_ED21
AA_ED28
AA_ED20
AA_ED27
AA_ED19
AA_ED26
AA_ED18
AA_ED25
AA_ED17
AA_ED24
AA_ED16
AA_XERE
AA_XECS0
AA_EA1
A16
NC
GND
DQ15
DQ7
DQ14
DQ6
DQ13
DQ5
DQ12
DQ4
VCC
DQ11
DQ3
DQ10
DQ2
DQ9
DQ1
DQ8
DQ0
OE#
GND
CE#
A0
A15
A14
A13
A12
A11
A10
A9
A8
A19
A20
WE#
RST#
A21
WP#/ACC
RY/BY#
A18
A17
A7
A6
A5
A4
A3
A2
A1
AA_EA20
R8927
0
R8933
0
R8934
0
R8936
10k
AA_EA16
AA_EA15
AA_EA14
AA_EA13
AA_EA12
AA_EA11
AA_EA10
AA_EA9
AA_EA21
AA_XEWE2
AA_EA22
AA_EA19
AA_EA18
AA_EA8
AA_EA7
AA_EA6
AA_EA5
AA_EA4
AA_EA3
AA_EA2
L8051
J0JHC0000075
2
137
3
137
C8430
16V
0.1u
C8431
16V
0.1u
VCC
OE
B1
B2
B3
B4
B5
B6
B7
B8
R8456
EXB38V560JV
R8457
EXB38V560JV
R8458
EXB38V560JV
R8459
EXB38V560JV
(HSDIN0)
(HSPSYNC)
(XCD1)
ACI_CHDI0
ACI_CHDI1
ACI_CHDI2
ACI_CHDI3
ACI_CHDI4
ACI_CHDI5
ACI_CHDI6
ACI_CHDI7
ACI_CHCLK
ACI_CHVAL
ACI_CHSYNC
ACI_XCD1
ACI_XCD2
ACI_XWAIT
ACI_XIREQ

TH-37/42PX600B
XV-Board (2 of 5) Schematic Diagram

14	15	16	17	18

14.44. XV-Board (3 of 5) Schematic Diagram (PX600B)

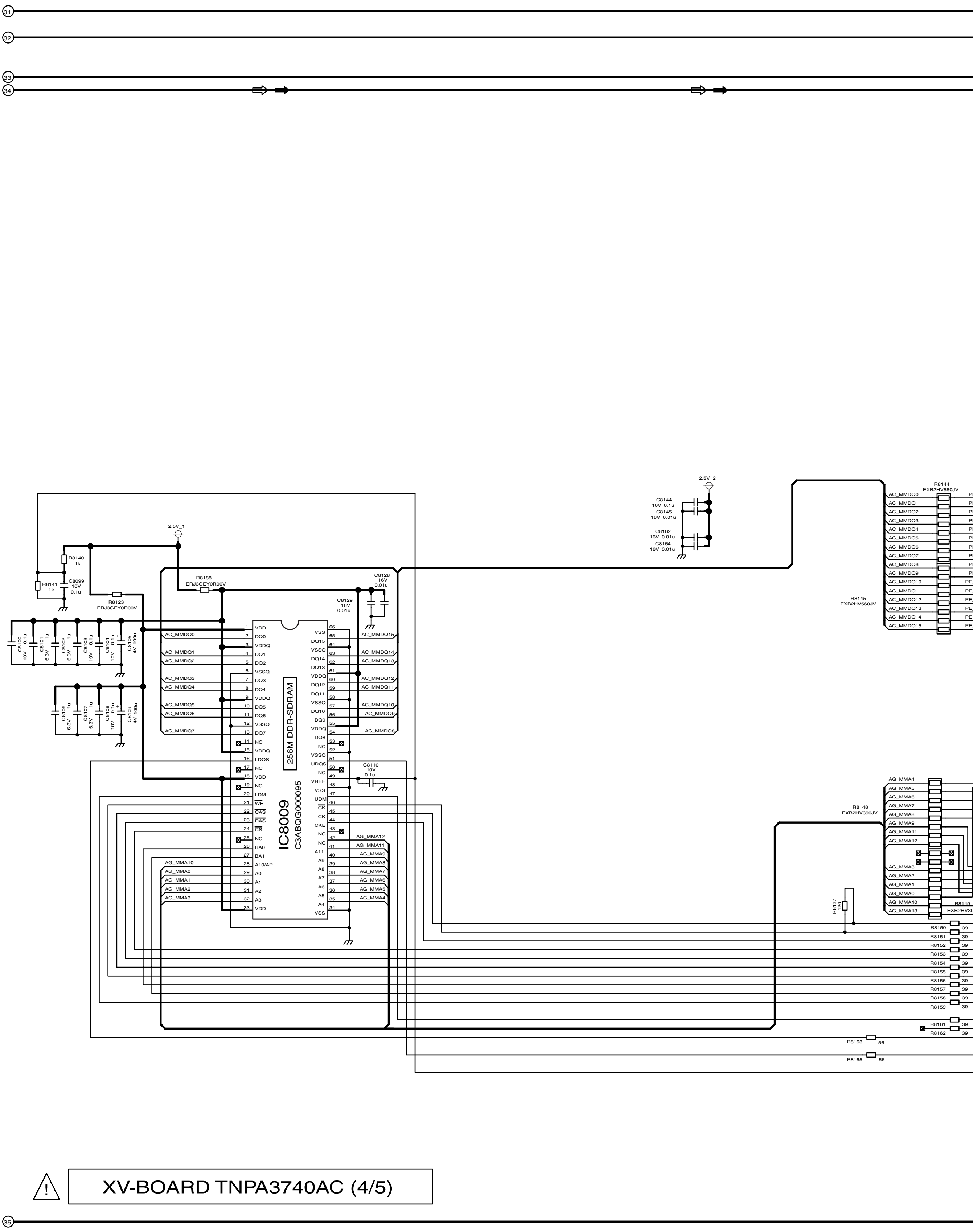

21
22
23
24
25
AE_SDWP
AE_SDCD
AE_SDDAT1
AE_SDDAT0
AE_SDCLK
AE_SDCMD
AE_SDDAT3
AE_SDDAT2
R8701 56
R8702 56
R8703 56
R8704 56
R8705 56
R8706 56
R8707 56
R8708 56
3.3V
R8732 10k
R8733 10k
R8734 10k
R8735 10k
R8736 10k
R8729 10k
R8730 10k
R8731 10k
R8355 EXB2HV104JV
R8356 EXB2HV104JV
AA_ED16
AA_ED17
AA_ED18
AA_ED19
AA_ED20
AA_ED21
AA_ED22
AA_ED23
AA_ED24
AA_ED25
AA_ED26
AA_ED27
AA_ED28
AA_ED29
AA_ED30
AA_ED31
R802
ACI_POWER
ACI_REG
ACI_RESET
AT_ADCCK
AT_DSRCK
ACI_IORD
ACI_IOWR
ACI_XWAIT
ACI_XWE
ACI_XOE
R8104
R8282
R8284
R8286
R8287
ACI_XCD2
R8954 10k
R8349 100k
C8240 6.3V 1u
R8611 0
R8601 0
C8509 6.3V 100u
C8504 10V 1u
VCC
A3 O3 A4 O4 A5 O5
A0 O0 A1 O1 A2 O2 GND
R8615 0
IC8501
74VHCU04MXNL
VCXO27M
R8602 100
R8603 100
R8604 100
TP8037
R8608 1M
R8614 220
C8507 50V 1000p
D8501 B0CCAB000039
R8610 3.3k
X8006 H0J270500090
R8606 100k
C8501 50V 18p
L8501 ELJNA2R7JFB
C8502 50V 18p
R8605 100k
TP8039
TP8040
C8508 16V 0.33u
C8506 16V 1u
C8910 16V 0.01u
XV-BOARD TNPA3740AC (3/5)

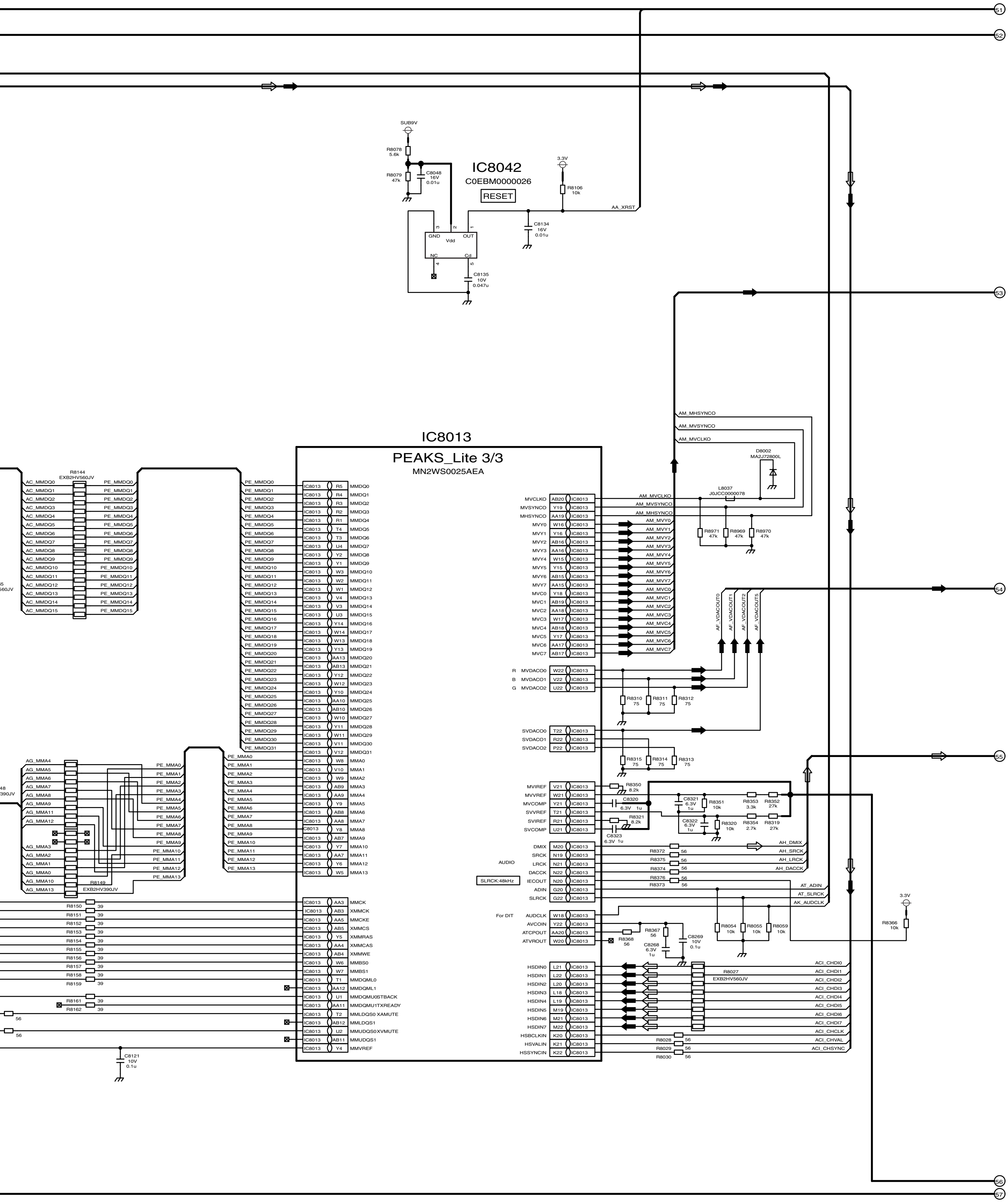

IC8013
PEAKS_Lite 1/3
MN2WS0025AEA
SD_CARD
3.3V
AA_XNMIRQ
AA_XIRQ0
AA_XIRQ1
AA_XIRQ2
AA_XIRQ3
AA_XIRQ4
ACI_POWER
ACI_REG
ACI_RESET
AA_DACRST
AA_DONE
AO_SPDATA7
AO_SPCLK
AO_XFERST0
AO_SPEN
AO_SPPKTST
AA_ISOCLK
AA_ISODATA0
AA_ISOVAL
AA_ISOSYNC
ACI_IORD
ACI_IOWR
ACI_XWAIT
ACI_XWE
ACI_XOE
AD_SCL0
AD_SDA0
AD_SCL1
AD_SDA1
AA_SBO0
AA_SBI0
AD_SBI1
ACI_XCD2
AA_XRST
C8910 16V 0.01u
POWER_DET
SBI2
SBO2
XCTS2
XDCD2
XDSR2
XRI2
XDTR2
XRTS2
AA_POWER_DET
AI_SBI2_P
AI_XCTS2_P
AI_XDCD2_P
AI_XDSR2
AI_XRI2_P
AI_XDTR2_P
AI_XRTS2_P
SDWP
SDCD
SDDAT0
SDDAT1
SDDAT2
SDDAT3
SDCMD
SDCLK
AE_SDWP
AE_SDCD
AE_SDDAT0
AE_SDDAT1
AE_SDDAT2
AE_SDDAT3
AE_SDCMD
AE_SDCLK
NARBY
AD_INIT_B
AA_NAND_RY/BY
AA_INIT_B
AA_ED16 … AA_ED31
AA_EA0 … AA_EA24
EXB2HV330JV
EXB2HV560JV
ACI_XCD1
ACI_XIREQ
AT_PDWN
AA_FWP
ACI_XEAB
ACI_XETS
ACI_XEDBA
AA_XECS0
AA_XECS1
AA_XECS2
AA_XECS3
AA_XECS4
AA_XECS5
AA_XERE
AA_XEWE2
AA_XEWE3
AA_ESZ0
AA_ESZ1
AA_CLKSEL
AA_XEDK
AA_ERXW
AA_FORMAT_EDGE
AA_BOOTSWAP
TP8029
XNFRE
XNFWE
MCLK
MTCPOUT
DCLK
DTCPOUT
CLK74
CK27
VC27
31
32
33
34
35

TH-37/42PX600B
XV-Board (3 of 5) Schematic Diagram

23 24 25 26 27

14.45. XV-Board (4 of 5) Schematic Diagram (PX600B)

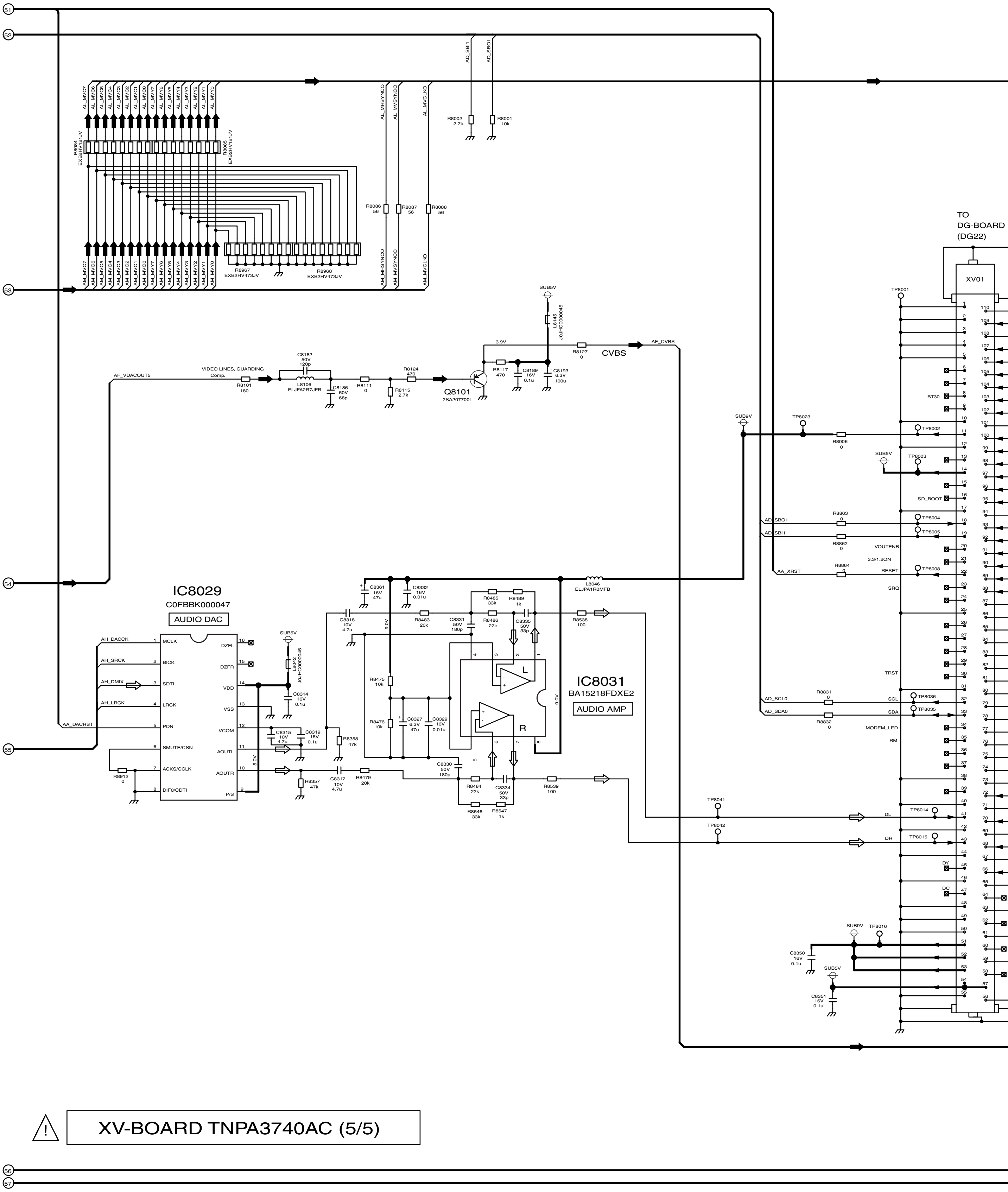

31
32
33
34
35
2.5V_1
R8140 1k
R8141 1k
C8099 10V 0.1u
R8123 ERJ3GEY0R00V
R8188 ERJ3GEY0R00V
C8128 16V 0.01u
C8129 16V 0.01u
C8100 10V 0.1u
C8101 6.3V 1u
C8102 6.3V 1u
C8103 10V 0.1u
C8104 10V 0.1u
C8105 4V 100u
C8106 6.3V 1u
C8107 6.3V 1u
C8108 10V 0.1u
C8109 4V 100u
C8110 10V 0.1u
IC8009
C3ABQG000095
256M DDR-SDRAM
1 VDD
2 DQ0
3 VDDQ
4 DQ1
5 DQ2
6 VSSQ
7 DQ3
8 DQ4
9 VDDQ
10 DQ5
11 DQ6
12 VSSQ
13 DQ7
14 NC
15 VDDQ
16 LDQS
17 NC
18 VDD
19 NC
20 LDM
21 WE
22 CAS
23 RAS
24 CS
25 NC
26 BA0
27 BA1
28 A10/AP
29 A0
30 A1
31 A2
32 A3
33 VDD
66 VSS
65 DQ15
64 VSSQ
63 DQ14
62 DQ13
61 VDDQ
60 DQ12
59 DQ11
58 VSSQ
57 DQ10
56 DQ9
55 VDDQ
54 DQ8
53 NC
52 VSSQ
51 UDQS
50 NC
49 VREF
48 VSS
47 UDM
46 CK
45 CK
44 CKE
43 NC
42 NC
41 A11
40 A9
39 A8
38 A7
37 A6
36 A5
35 A4
34 VSS
AC_MMDQ0
AC_MMDQ1
AC_MMDQ2
AC_MMDQ3
AC_MMDQ4
AC_MMDQ5
AC_MMDQ6
AC_MMDQ7
AC_MMDQ8
AC_MMDQ9
AC_MMDQ10
AC_MMDQ11
AC_MMDQ12
AC_MMDQ13
AC_MMDQ14
AC_MMDQ15
AG_MMA0
AG_MMA1
AG_MMA2
AG_MMA3
AG_MMA4
AG_MMA5
AG_MMA6
AG_MMA7
AG_MMA8
AG_MMA9
AG_MMA10
AG_MMA11
AG_MMA12
AG_MMA13
2.5V_2
C8144 10V 0.1u
C8145 16V 0.01u
C8162 16V 0.01u
C8164 16V 0.01u
R8144 EXB2HV560JV
R8145 EXB2HV560JV
R8148 EXB2HV390JV
R8149 EXB2HV39
R8137 120
R8150 39
R8151 39
R8152 39
R8153 39
R8154 39
R8155 39
R8156 39
R8157 39
R8158 39
R8159 39
R8161 39
R8162 39
R8163 56
R8165 56
XV-BOARD TNPA3740AC (4/5)


IC8042
C0EBM0000026
RESET
SUB9V
3.3V
AA_XRST
IC8013
PEAKS_Lite 3/3
MN2WS0025AEA
AM_MHSYNCO
AM_MVSYNCO
AM_MVCLKO
D8002
MA2J72800L
L8037
J0JCC0000078
R8144
EXB2HV560JV
R8149
EXB2HV390JV
R8027
EXB2HV560JV
SLRCK:48kHz
AUDIO
For DIT
AH_DMIX
AH_SRCK
AH_LRCK
AH_DACCK
AT_ADIN
AT_SLRCK
AK_AUDCLK
ACI_CHDI0
ACI_CHDI1
ACI_CHDI2
ACI_CHDI3
ACI_CHDI4
ACI_CHDI5
ACI_CHDI6
ACI_CHDI7
ACI_CHCLK
ACI_CHVAL
ACI_CHSYNC
C8121
10V
0.1u
(51)
(52)
(53)
(54)
(55)
(56)
(57)

TH-37/42PX600B
XV-Board (4 of 5) Schematic Diagram

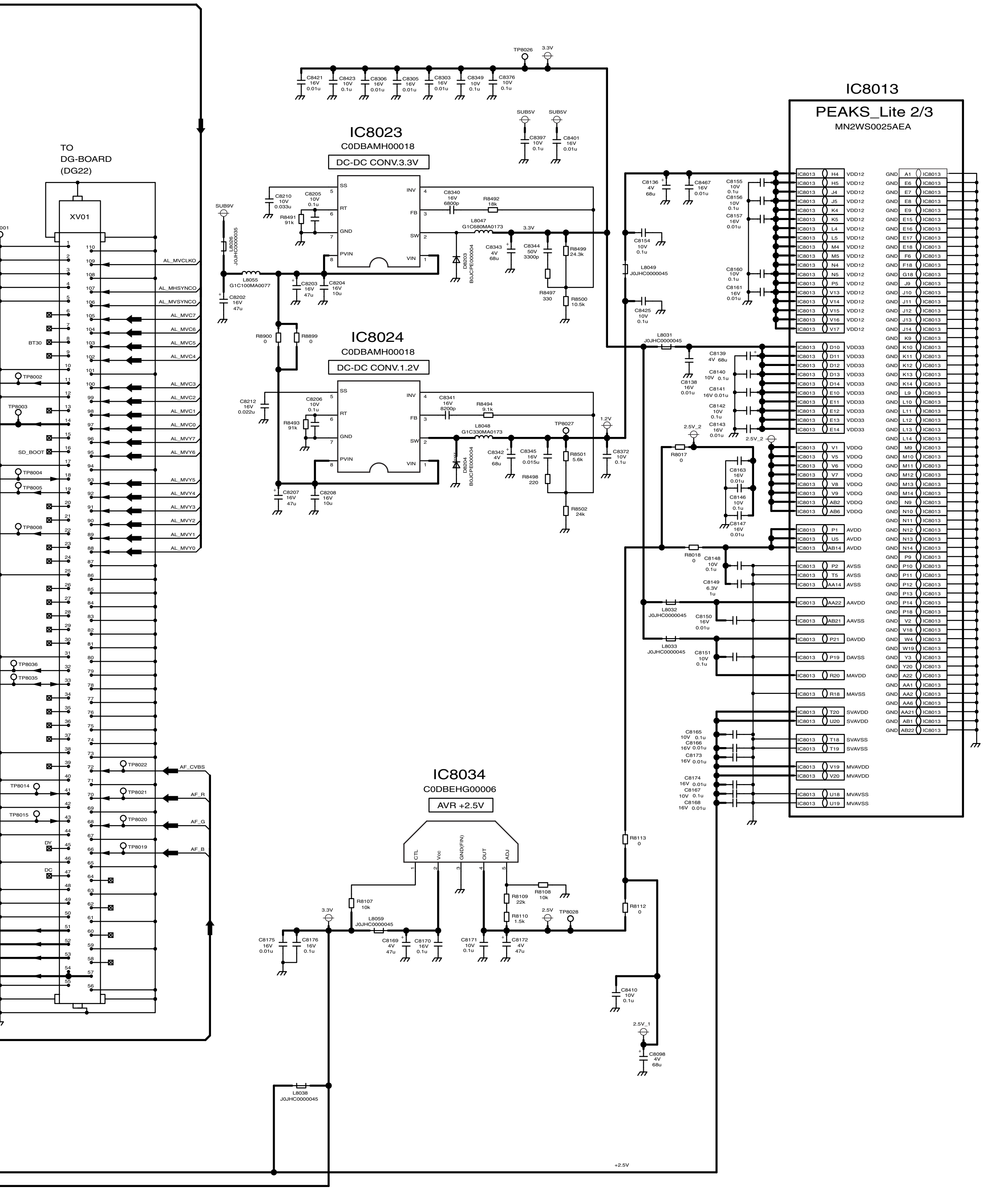
32 33 34 35 36

14.46. XV-Board (5 of 5) Schematic Diagram (PX600B)



51
52
53
54
55
56
57
AD_SBI1
AD_SBO1
R8002 2.7k
R8001 10k
AL_MVC7
AL_MVC6
AL_MVC5
AL_MVC4
AL_MVC3
AL_MVC2
AL_MVC1
AL_MVC0
AL_MVY7
AL_MVY6
AL_MVY5
AL_MVY4
AL_MVY3
AL_MVY2
AL_MVY1
AL_MVY0
AL_MHSYNCO
AL_MVSYNCO
AL_MVCLKO
R8084 EXB2HV121JV
R8085 EXB2HV121JV
R8086 56
R8087 56
R8088 56
AM_MVC7
AM_MVC6
AM_MVC5
AM_MVC4
AM_MVC3
AM_MVC2
AM_MVC1
AM_MVC0
AM_MVY7
AM_MVY6
AM_MVY5
AM_MVY4
AM_MVY3
AM_MVY2
AM_MVY1
AM_MVY0
AM_MHSYNCO
AM_MVSYNCO
AM_MVCLKO
R8967 EXB2HV473JV
R8968 EXB2HV473JV
TO
DG-BOARD
(DG22)
XV01
SUB5V
L8145 J0JHC0000045
3.9V
R8127 0
CVBS
AF_CVBS
AF_VDACOUT5
VIDEO LINES, GUARDING Comp.
C8182 50V 120p
L8106 ELJFA2R7JFB
R8101 180
C8186 50V 68p
R8111 0
R8124 470
R8115 2.7k
Q8101
2SA2077O0L
R8117 470
C8189 16V 0.1u
C8193 6.3V 100u
TP8001
TP8023
SUB9V
R8006 0
TP8002
TP8003
BT30
SD_BOOT
AD_SBO1
AD_SBI1
R8863 0
R8862 0
TP8004
TP8005
VOUTENB
3.3/1.2ON
AA_XRST
R8864 0
RESET
TP8008
SRQ
TRST
AD_SCL0
AD_SDA0
R8831 0
R8832 0
SCL
SDA
TP8036
TP8035
MODEM_LED
RM
IC8029
C0FBBK000047
AUDIO DAC
AH_DACCK
AH_SRCK
AH_DMIX
AH_LRCK
AA_DACRST
MCLK
BICK
SDTI
LRCK
PDN
SMUTE/CSN
ACKS/CCLK
DIF0/CDTI
DZFL
DZFR
VDD
VSS
VCOM
AOUTL
AOUTR
P/S
R8912 0
L8042 J0JHC0000045
C8314 16V 0.1u
C8315 10V 4.7u
C8319 16V 0.1u
R8358 47k
R8357 47k
C8317 10V 4.7u
R8479 20k
5.0V
C8361 16V 47u
C8332 16V 0.01u
C8318 10V 4.7u
9.0V
R8483 20k
C8331 50V 180p
R8485 33k
R8489 1k
R8486 22k
C8335 50V 33p
L8046 ELJPA1R0MFB
R8538 100
R8475 10k
R8476 10k
C8327 6.3V 47u
C8329 16V 0.01u
L
R
IC8031
BA15218FDXE2
AUDIO AMP
C8330 50V 180p
R8484 22k
C8334 50V 33p
R8546 33k
R8547 1k
R8539 100
TP8041
TP8042
DL
DR
TP8014
TP8015
DY
DC
SUB9V
TP8016
C8350 16V 0.1u
SUB5V
C8351 16V 0.1u
XV-BOARD TNPA3740AC (5/5)

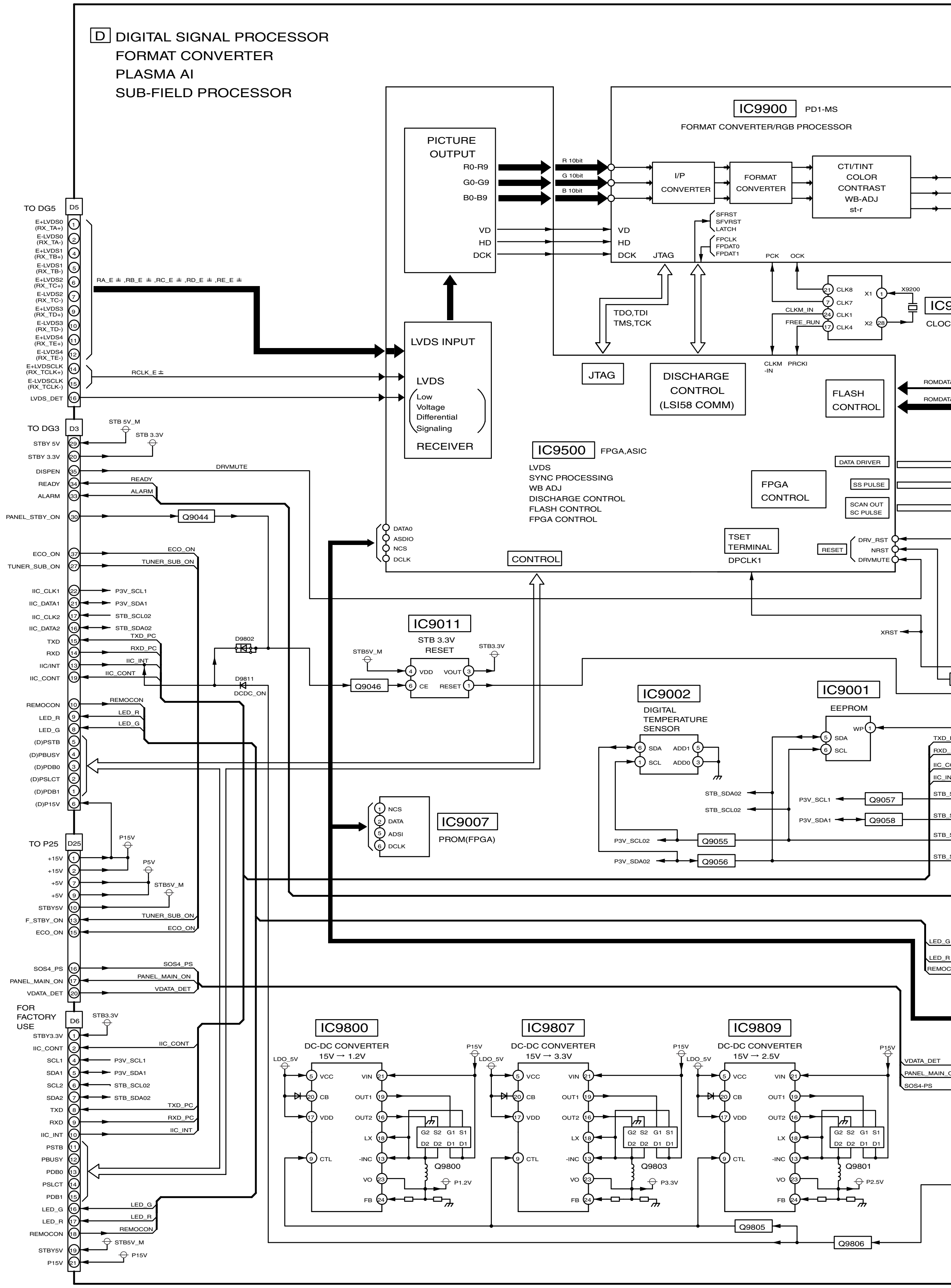
TH-37/42PX600B
XV-Board (5 of 5) Schematic Diagram


IC8013
PEAKS_Lite 2/3
MN2WS0025AEA
IC8023
C0DBAMH00018
DC-DC CONV.3.3V
IC8024
C0DBAMH00018
DC-DC CONV.1.2V
IC8034
C0DBEHG00006
AVR +2.5V
TO
DG-BOARD
(DG22)
XV01
SS
RT
GND
PVIN
INV
FB
SW
VIN
CTL
Vcc
GND(FIN)
OUT
ADJ
TP8026
3.3V
SUB5V
SUB9V
1.2V
2.5V_2
2.5V_1
+2.5V
TP8027
TP8028
L8055
G1C100MA0077
L8047
G1C680MA0173
L8048
G1C330MA0173
L8049
J0JHC0000045
L8031
J0JHC0000045
L8032
J0JHC0000045
L8033
J0JHC0000045
L8059
J0JHC0000045
L8038
J0JHC0000045
D8203
B0JCPE000004
D8204
B0JCPE000004
AL_MVCLKO
AL_MHSYNCO
AL_MVSYNCO
AL_MVC7
AL_MVC6
AL_MVC5
AL_MVC4
AL_MVC3
AL_MVC2
AL_MVC1
AL_MVC0
AL_MVY7
AL_MVY6
AL_MVY5
AL_MVY4
AL_MVY3
AL_MVY2
AL_MVY1
AL_MVY0
AF_CVBS
AF_R
AF_G
AF_B
BT30
SD_BOOT
DY
DC
TP8002
TP8003
TP8004
TP8005
TP8008
TP8036
TP8035
TP8014
TP8015
TP8022
TP8021
TP8020
TP8019
VDD12
VDD33
VDDQ
AVDD
AVSS
AAVDD
AAVSS
DAVDD
DAVSS
MAVDD
MAVSS
SVAVDD
SVAVSS
MVAVDD
MVAVSS
GND

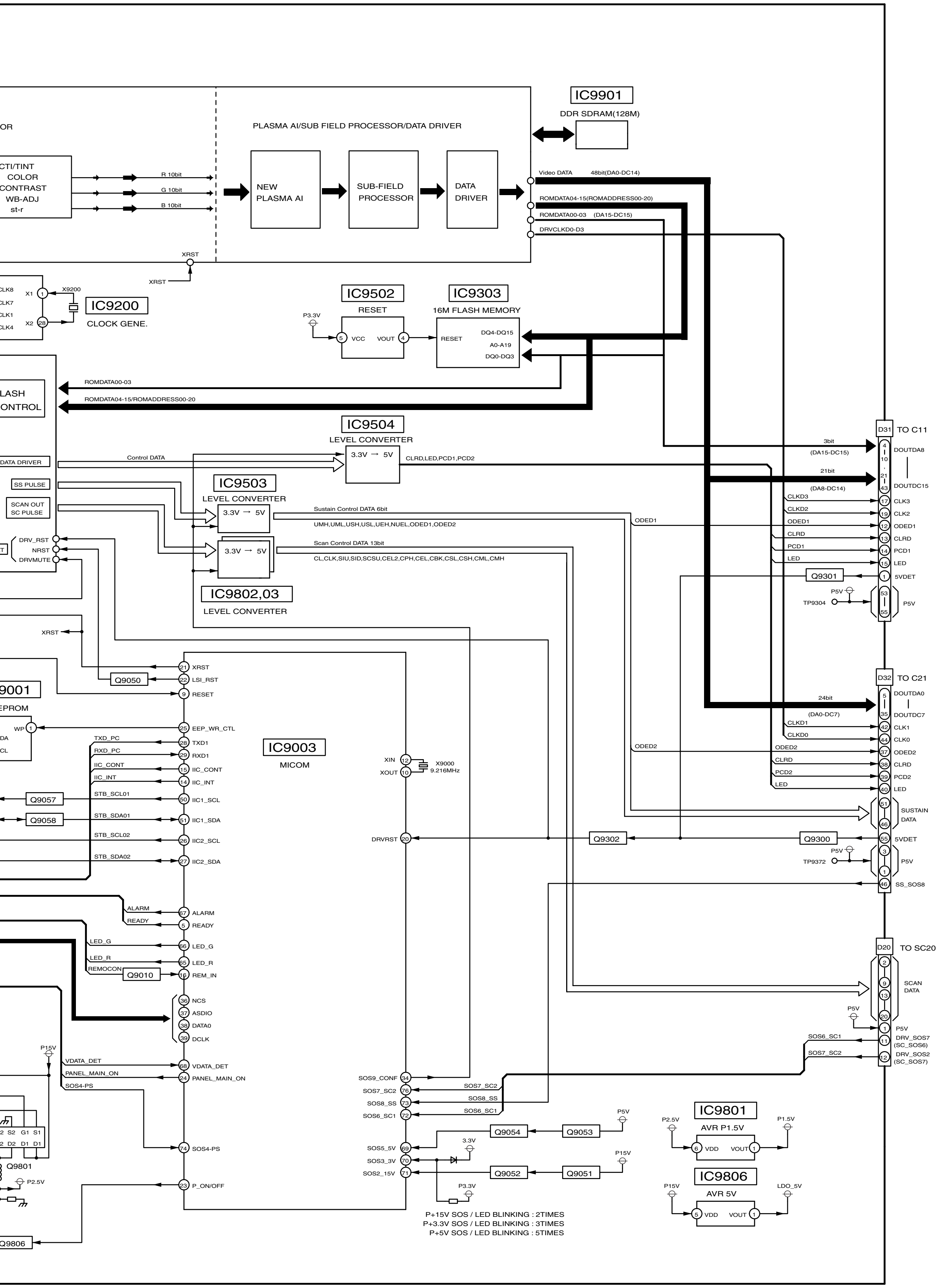
TH-37/42PX600B
XV-Board (5 of 5) Schematic Diagram

41 42 43 44 45

14.47. D-Board Block Diagram


D DIGITAL SIGNAL PROCESSOR
FORMAT CONVERTER
PLASMA AI
SUB-FIELD PROCESSOR
TO DG5
D5
E+LVDS0 (RX_TA+)
E-LVDS0 (RX_TA-)
E+LVDS1 (RX_TB+)
E-LVDS1 (RX_TB-)
E+LVDS2 (RX_TC+)
E-LVDS2 (RX_TC-)
E+LVDS3 (RX_TD+)
E-LVDS3 (RX_TD-)
E+LVDS4 (RX_TE+)
E-LVDS4 (RX_TE-)
E+LVDSCLK (RX_TCLK+)
E-LVDSCLK (RX_TCLK-)
LVDS_DET
RA_E ± ,RB_E ± ,RC_E ± ,RD_E ± ,RE_E ±
RCLK_E ±
PICTURE OUTPUT
R0-R9
G0-G9
B0-B9
VD
HD
DCK
R 10bit
G 10bit
B 10bit
LVDS INPUT
LVDS
Low Voltage Differential Signaling
RECEIVER
IC9900
PD1-MS
FORMAT CONVERTER/RGB PROCESSOR
I/P CONVERTER
FORMAT CONVERTER
CTI/TINT COLOR CONTRAST WB-ADJ st-r
SFRST
SFVRST
LATCH
FPCLK
FPDAT0
FPDAT1
JTAG
PCK
OCK
CLK8
CLK7
CLK1
CLK4
X1
X2
X9200
CLKM_IN
FREE_RUN
CLOC
TDO,TDI
TMS,TCK
JTAG
DISCHARGE CONTROL (LSI58 COMM)
CLKM -IN
PRCKI
FLASH CONTROL
ROMDAT
ROMDAT
IC9500
FPGA,ASIC
LVDS
SYNC PROCESSING
WB ADJ
DISCHARGE CONTROL
FLASH CONTROL
FPGA CONTROL
FPGA CONTROL
DATA DRIVER
SS PULSE
SCAN OUT SC PULSE
TSET TERMINAL
DPCLK1
RESET
DRV_RST
NRST
DRVMUTE
DATA0
ASDIO
NCS
DCLK
CONTROL
TO DG3
D3
STBY 5V
STBY 3.3V
DISPEN
READY
ALARM
PANEL_STBY_ON
ECO_ON
TUNER_SUB_ON
IIC_CLK1
IIC_DATA1
IIC_CLK2
IIC_DATA2
TXD
RXD
IIC/INT
IIC_CONT
REMOCON
LED_R
LED_G
(D)PSTB
(D)PBUSY
(D)PDB0
(D)PSLCT
(D)PDB1
(D)P15V
STB 5V_M
STB 3.3V
DRVMUTE
Q9044
P3V_SCL1
P3V_SDA1
STB_SCL02
STB_SDA02
TXD_PC
RXD_PC
IIC_INT
IIC_CONT
D9802
D9811
DCDC_ON
IC9011
STB 3.3V RESET
STB5V_M
STB3.3V
VDD
VOUT
CE
RESET
Q9046
XRST
IC9002
DIGITAL TEMPERATURE SENSOR
SDA
SCL
ADD1
ADD0
IC9001
EEPROM
WP
STB_SDA02
STB_SCL02
P3V_SCL1
P3V_SDA1
Q9057
Q9058
P3V_SCL02
P3V_SDA02
Q9055
Q9056
IC9007
PROM(FPGA)
NCS
DATA
ADSI
DCLK
TO P25
D25
+15V
+5V
STBY5V
F_STBY_ON
P15V
P5V
SOS4_PS
PANEL_MAIN_ON
VDATA_DET
FOR FACTORY USE
D6
STBY3.3V
SCL1
SDA1
SCL2
SDA2
IIC_INT
PSTB
PBUSY
PDB0
PSLCT
PDB1
IC9800
DC-DC CONVERTER 15V → 1.2V
IC9807
DC-DC CONVERTER 15V → 3.3V
IC9809
DC-DC CONVERTER 15V → 2.5V
LDO_5V
VCC
CB
VDD
CTL
VIN
OUT1
OUT2
LX
-INC
VO
FB
G2 S2 G1 S1
D2 D2 D1 D1
Q9800
Q9803
Q9801
P1.2V
P3.3V
P2.5V
Q9805
Q9806
VDATA_DET
PANEL_MAIN_ON
SOS4-PS

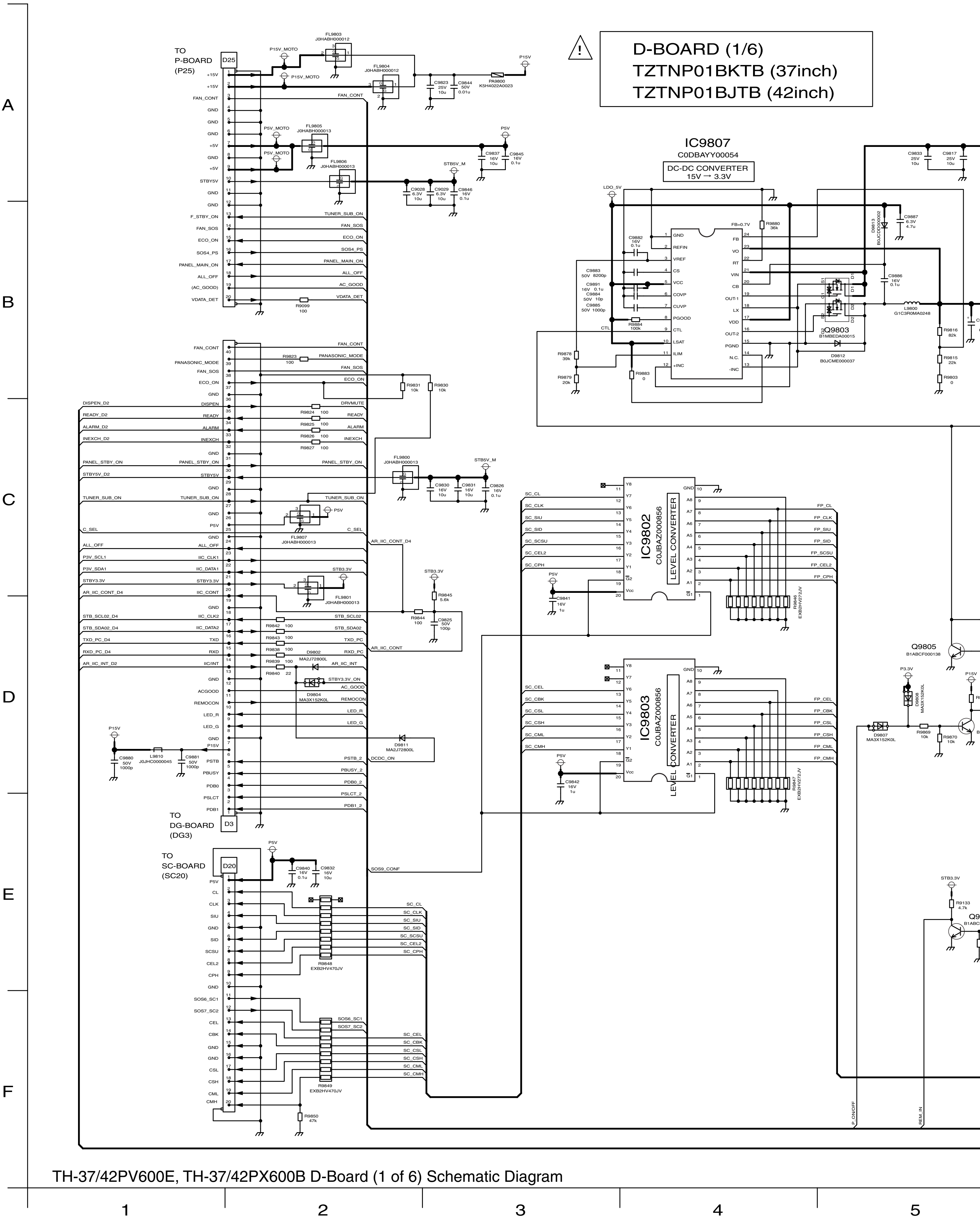
TH-37/42PV600E, TH-37/42PX600B
D-Board Block Diagram


IC9901
DDR SDRAM(128M)
PLASMA AI/SUB FIELD PROCESSOR/DATA DRIVER
CTI/TINT
COLOR
CONTRAST
WB-ADJ
st-r
R 10bit
G 10bit
B 10bit
NEW PLASMA AI
SUB-FIELD PROCESSOR
DATA DRIVER
Video DATA 48bit(DA0-DC14)
ROMDATA04-15(ROMADDRESS00-20)
ROMDATA00-03 (DA15-DC15)
DRVCLKD0-D3
XRST
X9200
X1
X2
IC9200
CLOCK GENE.
IC9502
RESET
P3.3V
VCC
VOUT
IC9303
16M FLASH MEMORY
RESET
DQ4-DQ15
A0-A19
DQ0-DQ3
ROMDATA00-03
ROMDATA04-15/ROMADDRESS00-20
FLASH CONTROL
IC9504
LEVEL CONVERTER
3.3V → 5V
Control DATA
CLRD,LED,PCD1,PCD2
DATA DRIVER
SS PULSE
SCAN OUT SC PULSE
IC9503
LEVEL CONVERTER
Sustain Control DATA 6bit
UMH,UML,USH,USL,UEH,NUEL,ODED1,ODED2
Scan Control DATA 13bit
CL,CLK,SIU,SID,SCSU,CEL2,CPH,CEL,CBK,CSL,CSH,CML,CMH
DRV_RST
NRST
DRVMUTE
IC9802,03
LEVEL CONVERTER
D31 TO C11
3bit (DA15-DC15)
21bit (DA8-DC14)
DOUTDA8
DOUTDC15
CLKD3 CLK3
CLKD2 CLK2
ODED1
CLRD
PCD1
LED
Q9301
5VDET
P5V
TP9304
D32 TO C21
24bit (DA0-DC7)
DOUTDA0
DOUTDC7
CLKD1 CLK1
CLKD0 CLK0
ODED2
CLRD
PCD2
LED
SUSTAIN DATA
Q9300
TP9372
SS_SOS8
D20 TO SC20
SCAN DATA
DRV_SOS7 (SC_SOS6)
DRV_SOS2 (SC_SOS7)
SOS6_SC1
SOS7_SC2
XRST
Q9050
9001
EEPROM
WP
IC9003
MICOM
XRST
LSI_RST
RESET
EEP_WR_CTL
TXD_PC
RXD_PC
IIC_CONT
IIC_INT
TXD1
RXD1
STB_SCL01
STB_SDA01
STB_SCL02
STB_SDA02
Q9057
Q9058
IIC1_SCL
IIC1_SDA
IIC2_SCL
IIC2_SDA
XIN
XOUT
X9000 9.216MHz
DRVRST
Q9302
ALARM
READY
LED_G
LED_R
REMOCON
Q9010
REM_IN
NCS
ASDIO
DATA0
DCLK
P15V
VDATA_DET
PANEL_MAIN_ON
SOS4-PS
SOS9_CONF
SOS7_SC2
SOS8_SS
SOS6_SC1
SOS5_5V
SOS3_3V
SOS2_15V
Q9054
Q9053
Q9052
Q9051
3.3V
P3.3V
P5V
P15V
SOS4-PS
P_ON/OFF
Q9801
P2.5V
Q9806
IC9801
AVR P1.5V
P1.5V
VDD
VOUT
IC9806
AVR 5V
LDO_5V

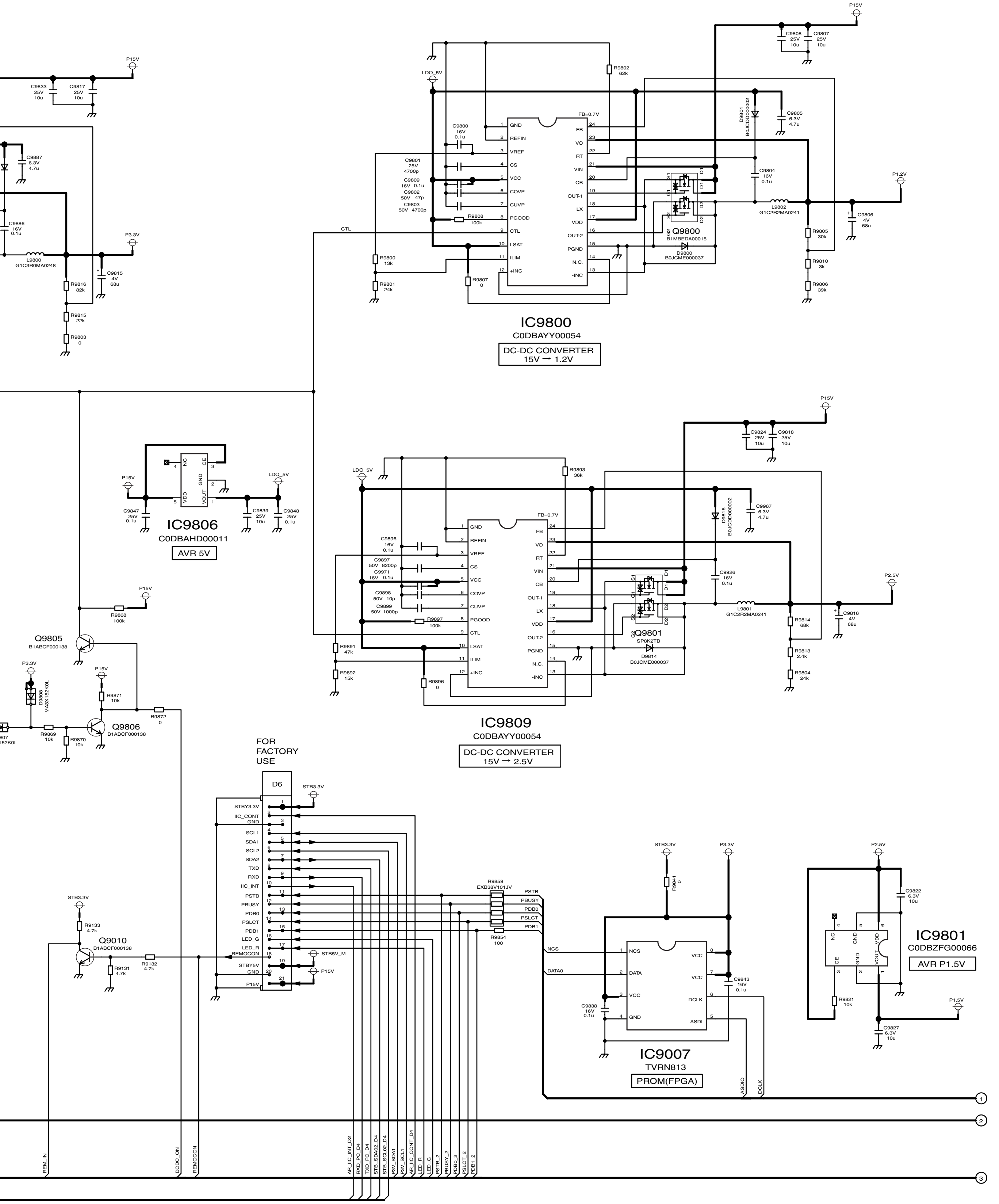
P+15V SOS / LED BLINKING : 2TIMES
P+3.3V SOS / LED BLINKING : 3TIMES
P+5V SOS / LED BLINKING : 5TIMES

TH-37/42PV600E, TH-37/42PX600B
D-Board Block Diagram

14.48. D-Board (1 of 6) Schematic Diagram


D-BOARD (1/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)
TO P-BOARD (P25)
D25
TO DG-BOARD (DG3)
D3
TO SC-BOARD (SC20)
D20
IC9807
C0DBAYY00054
DC-DC CONVERTER 15V → 3.3V
IC9802
C0JBAZ000856
LEVEL CONVERTER
IC9803
C0JBAZ000856
LEVEL CONVERTER
Q9803
B1MBEDA00015
Q9805
B1ABCF000138
FL9803
FL9804
FL9805
FL9806
FL9800
FL9807
FL9801
R9848
EXB2HV470JV
R9849
EXB2HV470JV
R9846
EXB2HV272JV
R9847
EXB2HV272JV
P15V
P5V
STB5V_M
STB3.3V
P3.3V
A
B
C
D
E
F
1
2
3
4
5

TH-37/42PV600E, TH-37/42PX600B D-Board (1 of 6) Schematic Diagram

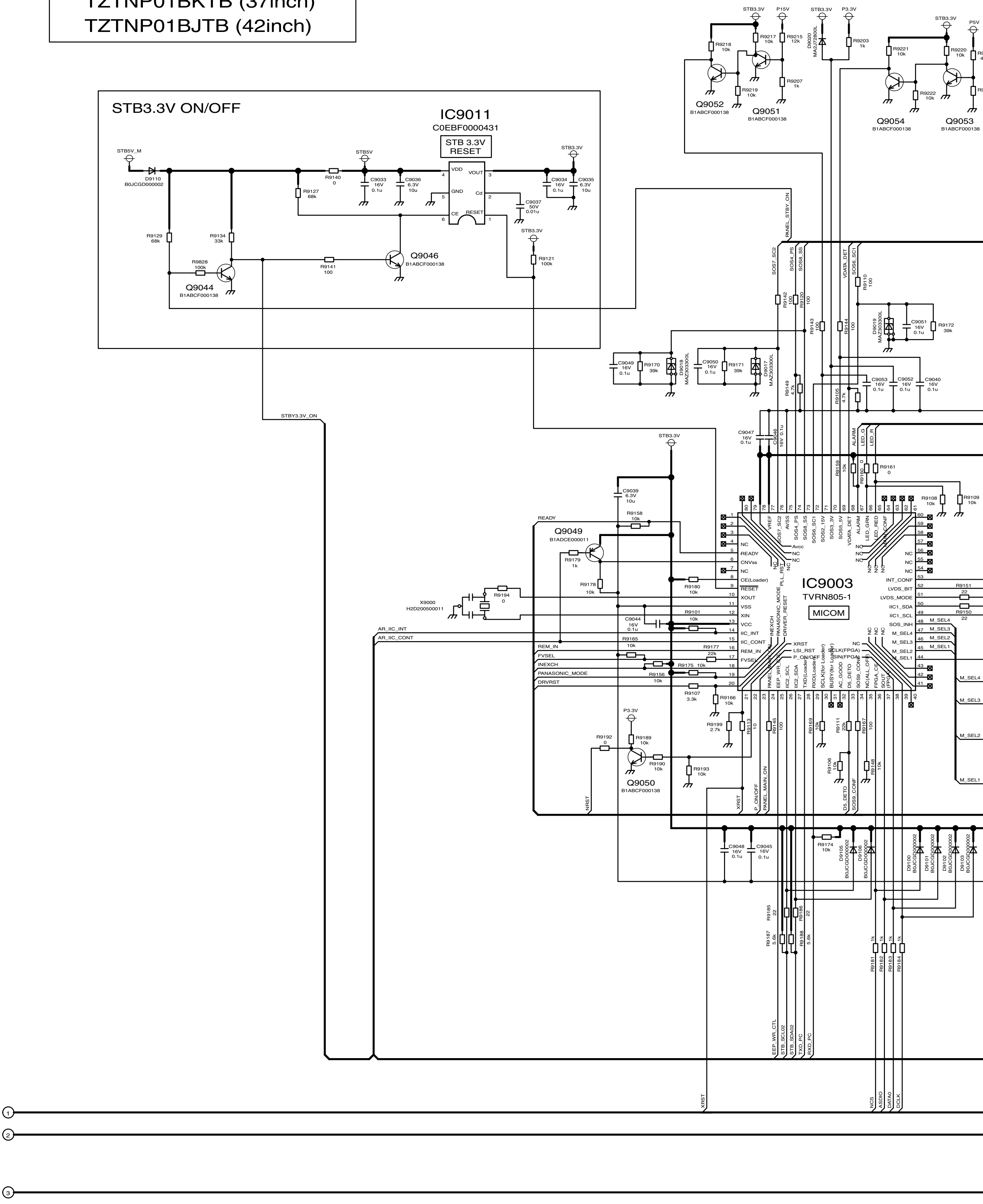

IC9800
C0DBAYY00054
DC-DC CONVERTER
15V → 1.2V
IC9809
C0DBAYY00054
DC-DC CONVERTER
15V → 2.5V
IC9806
C0DBAHD00011
AVR 5V
IC9007
TVRN813
PROM(FPGA)
IC9801
C0DBZFG00066
AVR P1.5V
Q9800
B1MBEDA00015
Q9801
SP8K2TB
Q9805
B1ABCF000138
Q9806
B1ABCF000138
Q9010
B1ABCF000138
D9800
B0JCME000037
D9814
B0JCME000037
D9801
B0JCDD000002
D9815
B0JCDD000002
L9800
G1C3R0MA0248
L9802
G1C2R2MA0241
L9801
G1C2R2MA0241
R9859
EXB38V101JV
R9854
100
FOR
FACTORY
USE
D6
STBY3.3V
IIC_CONT
GND
SCL1
SDA1
SCL2
SDA2
TXD
RXD
IIC_INT
PSTB
PBUSY
PDB0
PSLCT
PDB1
LED_G
LED_R
REMOCON
STBY5V
GND
P15V
STB3.3V
STB5V_M
P15V
P3.3V
P2.5V
P1.2V
P1.5V
LDO_5V
CTL
FB=0.7V
GND
REFIN
VREF
CS
VCC
COVP
CUVP
PGOOD
CTL
LSAT
ILIM
+INC
FB
VO
RT
VIN
CB
OUT-1
LX
VDD
OUT-2
PGND
N.C.
-INC
NC
CE
GND
VDD
VOUT
NCS
DATA
VCC
GND
DCLK
ASDI
DATA0
ASDO
DCLK
REM_IN
DCDC_ON
REMOCON
AR_IIC_INT_D2
RXD_PC_D4
TXD_PC_D4
STB_SDA02_D4
STB_SCL02_D4
P3V_SDA1
P3V_SCL1
AR_IIC_CONT_D4
LED_R
LED_G
PSTB_2
PBUSY_2
PDB0_2
PSLCT_2
PDB1_2
①
②
③
C9833 25V 10u
C9817 25V 10u
C9887 6.3V 4.7u
C9886 16V 0.1u
C9815 4V 68u
R9816 82k
R9815 22k
R9803 0
C9808 25V 10u
C9807 25V 10u
R9802 62k
C9805 6.3V 4.7u
C9800 16V 0.1u
C9801 25V 4700p
C9809 16V 0.1u
C9802 50V 47p
C9803 50V 4700p
R9808 100k
C9804 16V 0.1u
C9806 4V 68u
R9805 30k
R9810 3k
R9806 39k
R9800 13k
R9801 24k
R9807 0
C9847 25V 0.1u
C9839 25V 10u
C9848 25V 0.1u
R9868 100k
D9808 MA3X152K0L
R9871 10k
R9872 0
R9869 10k
R9870 10k
C9824 25V 10u
C9818 25V 10u
R9893 36k
C9967 6.3V 4.7u
C9896 16V 0.1u
C9897 50V 8200p
C9971 16V 0.1u
C9898 50V 10p
C9899 50V 1000p
R9897 100k
C9926 16V 0.1u
C9816 4V 68u
R9814 68k
R9813 2.4k
R9804 24k
R9891 47k
R9892 15k
R9896 0
R9133 4.7k
R9131 4.7k
R9132 4.7k
R9841 0
C9843 16V 0.1u
C9838 16V 0.1u
C9822 6.3V 10u
R9821 10k
C9827 6.3V 10u

TH-37/42PV600E, TH-37/42PX600B
D-Board (1 of 6) Schematic Diagram

5 6 7 8 9

14.49. D-Board (2 of 6) Schematic Diagram

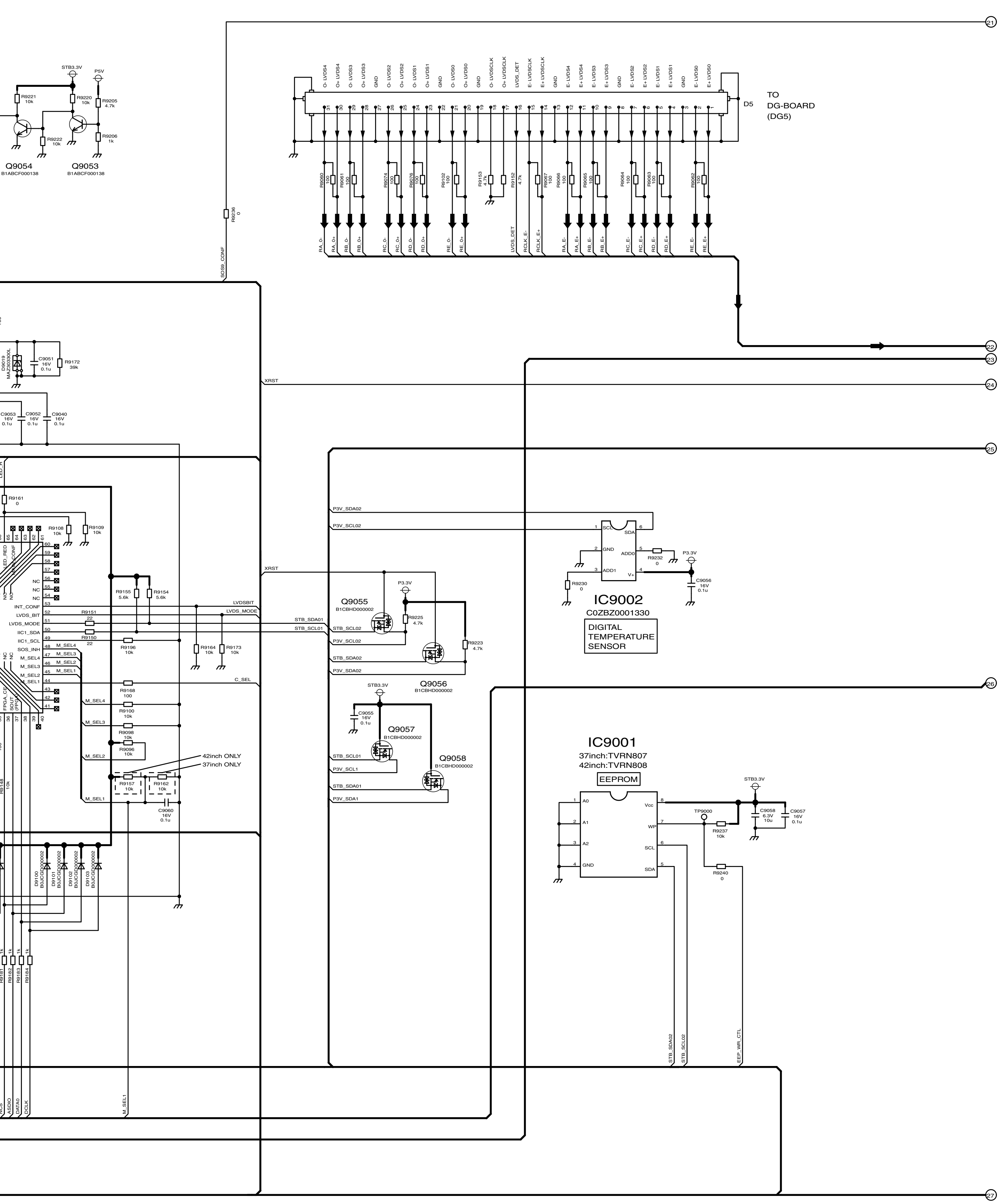
⚠ D-BOARD (2/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)



STB3.3V ON/OFF
IC9011
C0EBF0000431
STB 3.3V RESET
VDD
VOUT
GND
Cd
CE
RESET
STB5V_M
STB5V
STB3.3V
D9110
B0JCGD000002
R9140 0
R9127 68k
C9033 16V 0.1u
C9036 6.3V 10u
C9034 16V 0.1u
C9035 6.3V 10u
C9037 50V 0.01u
R9129 68k
R9134 33k
R9828 100k
Q9044
B1ABCF000138
R9141 100
Q9046
B1ABCF000138
R9121 100k
STBY3.3V_ON
PANEL_STBY_ON
Q9052
B1ABCF000138
Q9051
B1ABCF000138
Q9054
B1ABCF000138
Q9053
B1ABCF000138
P15V
P3.3V
P5V
R9218 10k
R9217 10k
R9215 12k
R9219 10k
R9207 1k
R9203 1k
D9020 MA2J72800L
R9221 10k
R9220 10k
R9222 10k
IC9003
TVRN805-1
MICOM
Q9049
B1ADCE000011
Q9050
B1ABCF000138
X9000
H2D200500011
C9039 6.3V 10u
C9044 16V 0.1u
C9047 16V 0.1u
C9046 16V 0.1u
C9049 16V 0.1u
C9050 16V 0.1u
C9051 16V 0.1u
C9053 16V 0.1u
C9052 16V 0.1u
C9040 16V 0.1u
C9048 16V 0.1u
C9045 16V 0.1u
R9170 39k
R9171 39k
R9172 39k
D9018 MAZ30330OL
D9017 MAZ30330OL
D9019 MAZ30330OL
READY
AR_IIC_INT
AR_IIC_CONT
REM_IN
FVSEL
INEXCH
PANASONIC_MODE
DRVRST
NRST
XRST
P_ON/OFF
PANEL_MAIN_ON
D5_DETO
SOS9_CONF
EEP_WR_CTL
STB_SCL02
STB_SDA02
TXD_PC
RXD_PC
NCS
ASDIO
DATA0
DCLK
M_SEL1
M_SEL2
M_SEL3
M_SEL4
SOS7_SC2
SOS4_PS
SOS8_SS
VDATA_DET
SOS6_SC1
ALARM
LED_G
LED_R
INT_CONF
LVDS_BIT
LVDS_MODE
IIC1_SDA
IIC1_SCL
SOS_INH
R9151 22
R9150 22
R9108 10k
R9109 10k
R9158 10k
R9179 1k
R9178 10k
R9180 10k
R9194 0
R9101 10k
R9165 10k
R9177 22k
R9175 10k
R9156 10k
R9107 3.3k
R9166 10k
R9199 2.7k
R9192 0
R9189 10k
R9190 10k
R9193 10k
R9174 10k
D9105 B0JCGD000002
D9104 B0JCGD000002
D9100 B0JCGD000002
D9101 B0JCGD000002
D9102 B0JCGD000002
D9103 B0JCGD000002
R9185 22
R9186 22
R9187 5.6k
R9188 5.6k
R9181 1k
R9182 1k
R9183 1k
R9184 1k
①
②
③

TH-37/42PV600E, TH-37/42PX600B
D-Board (2 of 6) Schematic Diagram

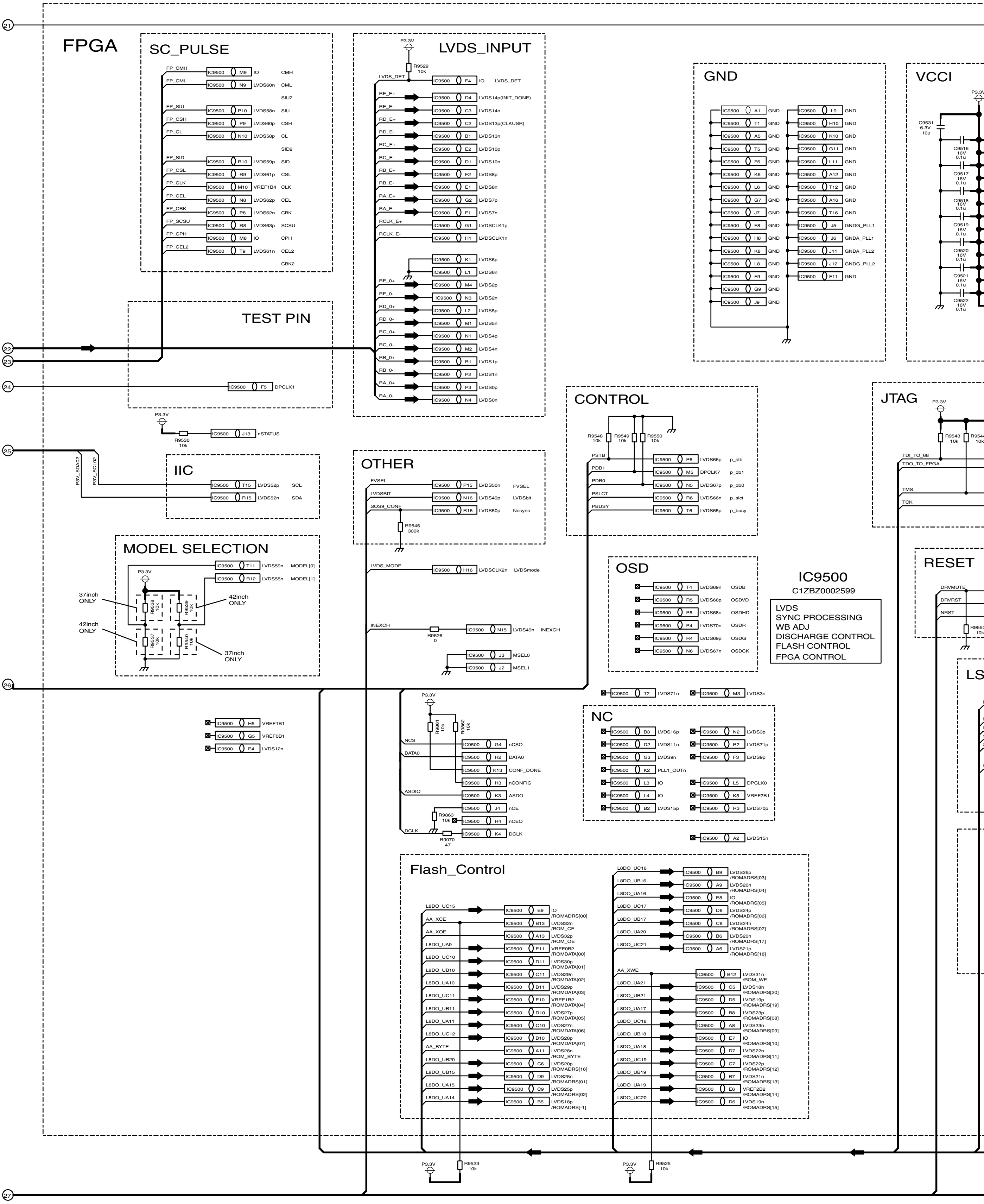
10 11 12 13 14


STB3.3V
P5V
R9221 10k
R9220 10k
R9205 4.7k
R9206 1k
R9222 10k
Q9054 B1ABCF000138
Q9053 B1ABCF000138
R9236 0
SOS9_CONF
TO DG-BOARD (DG5)
D5
RA_0-
RA_0+
RB_0-
RB_0+
RC_0-
RC_0+
RD_0-
RD_0+
RE_0-
RE_0+
LVDS_DET
RCLK_E-
RCLK_E+
RA_E-
RA_E+
RB_E-
RB_E+
RC_E-
RC_E+
RD_E-
RD_E+
RE_E-
RE_E+
XRST
D9019 MAZ8039GL
C9051 16V 0.1u
R9172 39k
C9053 16V 0.1u
C9052 16V 0.1u
C9040 16V 0.1u
R9161 0
R9108 10k
R9109 10k
INT_CONF
LVDS_BIT
LVDS_MODE
IIC1_SDA
IIC1_SCL
SOS_INH
M_SEL4
M_SEL3
M_SEL2
M_SEL1
R9151 22
R9150 22
R9155 5.6k
R9154 5.6k
R9196 10k
R9164 10k
R9173 10k
R9168 100
R9100 10k
R9098 10k
R9096 10k
R9157 10k
R9162 10k
42inch ONLY
37inch ONLY
C9060 16V 0.1u
LVDSBIT
LVDS_MODE
STB_SDA01
STB_SCL01
C_SEL
D9100 B0JCGD000002
D9101 B0JCGD000002
D9102 B0JCGD000002
D9103 B0JCGD000002
R9181 1k
R9182 1k
R9183 1k
R9184 1k
M_SEL1
P3V_SDA02
P3V_SCL02
Q9055 B1CBHD000002
P3.3V
R9225 4.7k
R9223 4.7k
STB_SCL02
STB_SDA02
Q9056 B1CBHD000002
STB3.3V
C9055 16V 0.1u
Q9057 B1CBHD000002
Q9058 B1CBHD000002
STB_SCL01
P3V_SCL1
STB_SDA01
P3V_SDA1
SCL
SDA
GND
ADD0
ADD1
V+
R9232 0
R9230 0
C9056 16V 0.1u
IC9002
C0ZBZ0001330
DIGITAL TEMPERATURE SENSOR
IC9001
37inch:TVRN807
42inch:TVRN808
EEPROM
A0
A1
A2
Vcc
WP
TP9000
R9237 10k
R9240 0
C9058 6.3V 10u
C9057 16V 0.1u
EEP_WR_CTL
21
22
23
24
25
26
27

TH-37/42PV600E, TH-37/42PX600B
D-Board (2 of 6) Schematic Diagram

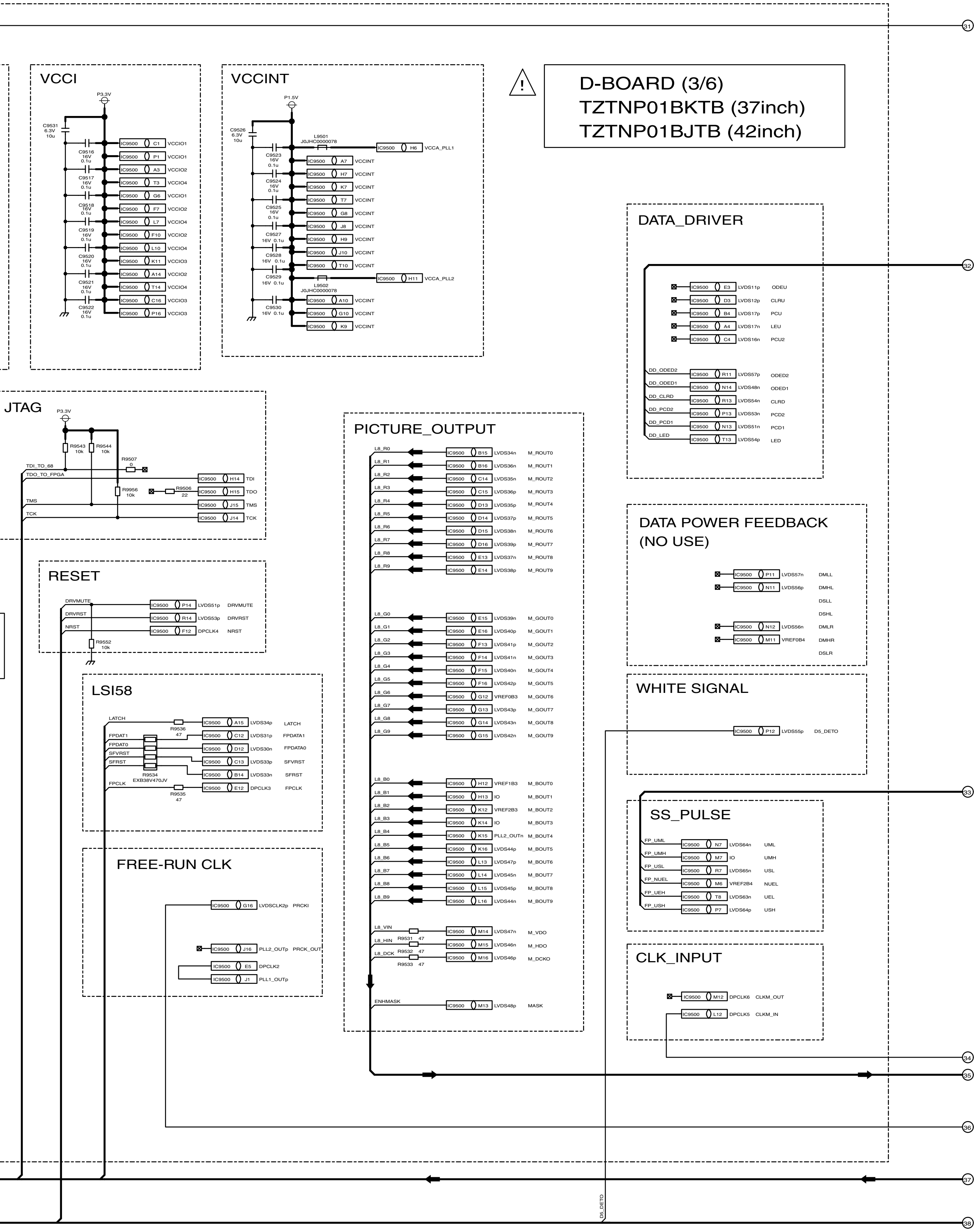
14 15 16 17 18

14.50. D-Board (3 of 6) Schematic Diagram


FPGA
SC_PULSE
LVDS_INPUT
GND
VCCI
TEST PIN
CONTROL
JTAG
IIC
OTHER
MODEL SELECTION
OSD
RESET
NC
LS
Flash_Control
IC9500
C1ZBZ0002599
LVDS
SYNC PROCESSING
WB ADJ
DISCHARGE CONTROL
FLASH CONTROL
FPGA CONTROL
37inch ONLY
42inch ONLY
42inch ONLY
37inch ONLY
P3.3V
R9529 10k
R9530 10k
R9545 300k
R9526 0
R9548 10k
R9549 10k
R9550 10k
R9543 10k
R9538 10k
R9539 10k
R9537 10k
R9540 10k
R9861 10k
R9862 10k
R9863 10k
R9070 47
R9523 10k
R9525 10k
C9531 6.3V 10u
C9516 16V 0.1u
C9517 16V 0.1u
C9518 16V 0.1u
C9519 16V 0.1u
C9520 16V 0.1u
C9521 16V 0.1u
C9522 16V 0.1u
FP_CMH
FP_CML
FP_SIU
FP_CSH
FP_CL
FP_SID
FP_CSL
FP_CLK
FP_CEL
FP_CBK
FP_SCSU
FP_CPH
FP_CEL2
LVDS_DET
RE_E+
RE_E-
RD_E+
RD_E-
RC_E+
RC_E-
RB_E+
RB_E-
RA_E+
RA_E-
RCLK_E+
RCLK_E-
RE_0+
RE_0-
RD_0+
RD_0-
RC_0+
RC_0-
RB_0+
RB_0-
RA_0+
RA_0-
DPCLK1
nSTATUS
P3V_SDA02
P3V_SCL02
SCL
SDA
MODEL[0]
MODEL[1]
FVSEL
LVDSBIT
SOS9_CONF
Nosync
LVDS_MODE
LVDSmode
INEXCH
MSEL0
MSEL1
PSTB
PDB1
PDB0
PSLCT
PBUSY
p_stb
p_db1
p_db0
p_slct
p_busy
OSDB
OSDVD
OSDHD
OSDR
OSDG
OSDCK
TDI_TO_68
TDO_TO_FPGA
TMS
TCK
DRVMUTE
DRVRST
NRST
NCS
DATA0
ASDIO
DCLK
nCSO
CONF_DONE
nCONFIG
nCE
nCEO
PLL1_OUTn
DPCLK0
VREF2B1
VREF1B1
VREF0B1
L8DO_UC15
AA_XCE
AA_XOE
AA_XWE
AA_BYTE
/ROM_CE
/ROM_OE
/ROM_WE
/ROM_BYTE
GNDA_PLL1
GNDG_PLL1
GNDA_PLL2
GNDG_PLL2
21
22
23
24
25
26
27

TH-37/42PV600E, TH-37/42PX600B
D-Board (3 of 6) Schematic Diagram

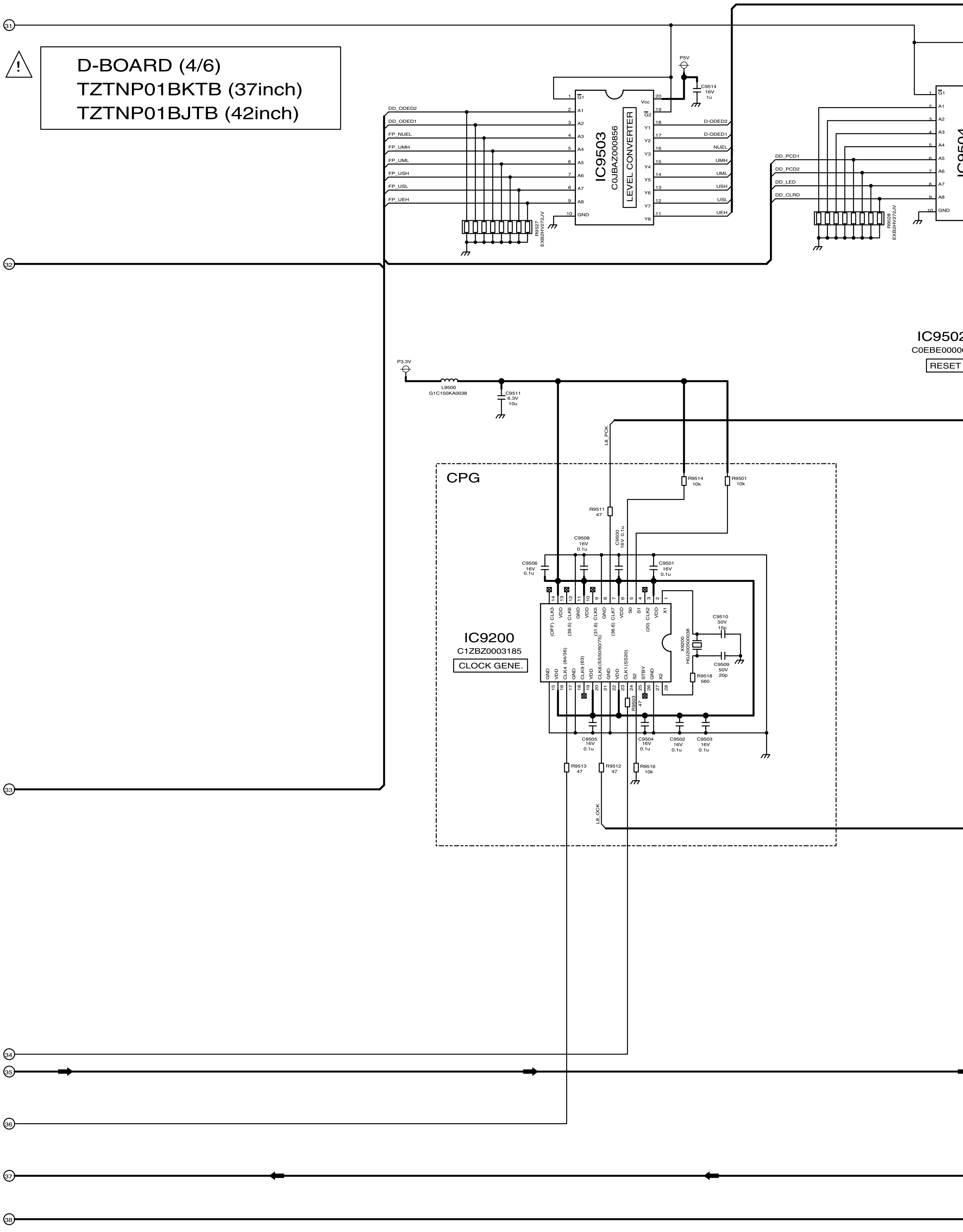
19 20 21 22 23


D-BOARD (3/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)
VCCI
VCCINT
JTAG
RESET
LSI58
FREE-RUN CLK
PICTURE_OUTPUT
DATA_DRIVER
DATA POWER FEEDBACK
(NO USE)
WHITE SIGNAL
SS_PULSE
CLK_INPUT
P3.3V
P1.5V
IC9500
31
32
33
34
35
36
37
38

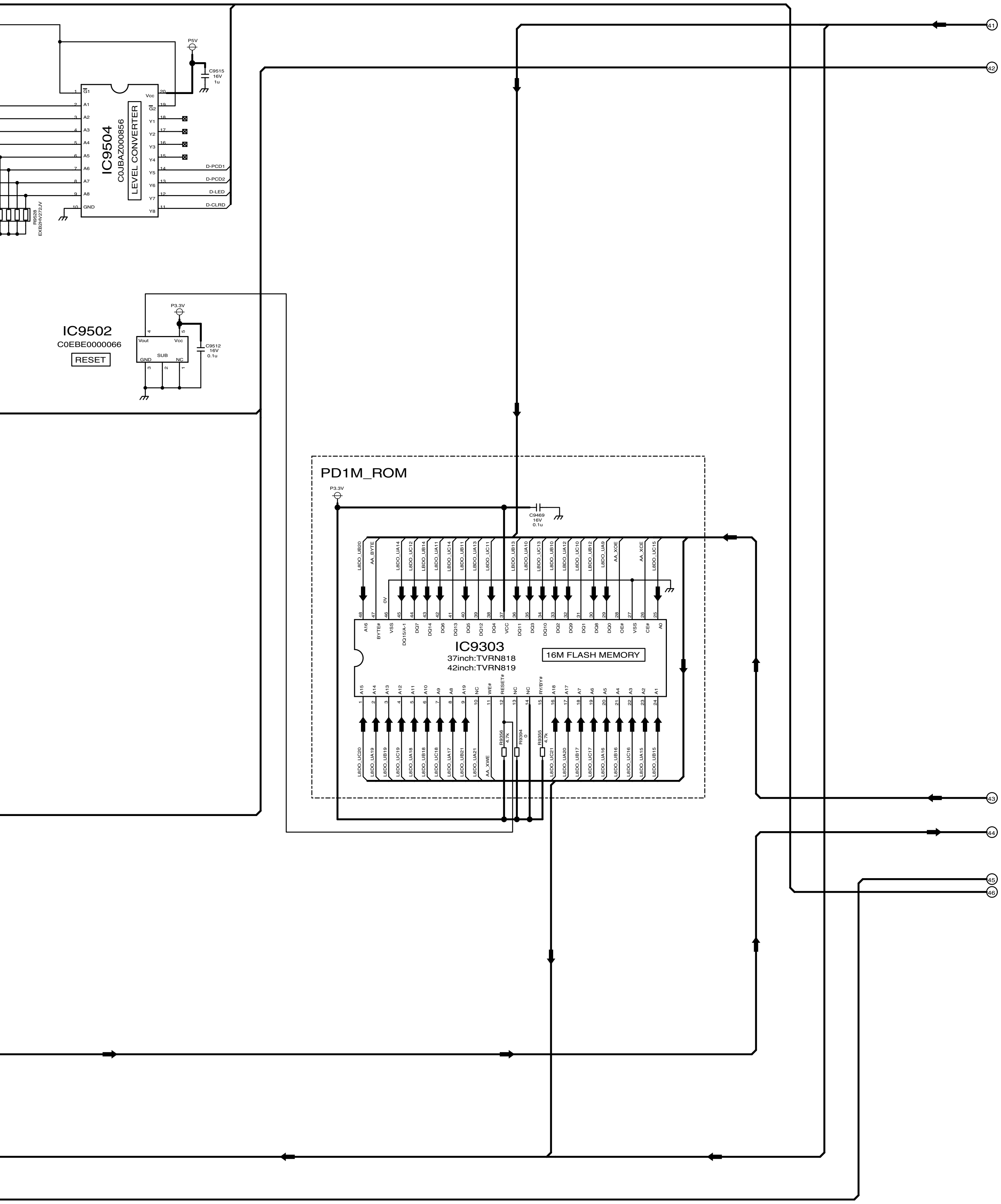
TH-37/42PV600E, TH-37/42PX600B
D-Board (3 of 6) Schematic Diagram

23 24 25 26 27

14.51. D-Board (4 of 6) Schematic Diagram


D-BOARD (4/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)
31
32
33
34
35
36
37
38
IC9503
C0JBAZ000856
LEVEL CONVERTER
P5V
C9514 16V 1u
DD_ODED2
DD_ODED1
FP_NUEL
FP_UMH
FP_UML
FP_USH
FP_USL
FP_UEH
D-ODED2
D-ODED1
NUEL
UMH
UML
USH
USL
UEH
R9527 EXB2HV272JV
R9528 EXB2HV272JV
DD_PCD1
DD_PCD2
DD_LED
DD_CLRD
IC9502
C0EBE0000
RESET
P3.3V
L9500 G1C150KA0038
C9511 6.3V 10u
L8_PCK
L8_OCK
CPG
R9514 10k
R9501 10k
R9511 47
C9508 16V 0.1u
C9500 16V 0.1u
C9506 16V 0.1u
C9501 16V 0.1u
IC9200
C1ZBZ0003185
CLOCK GENE.
X9200 H0J205500038
C9510 50V 15p
C9509 50V 20p
R9518 560
R9503 47
C9505 16V 0.1u
C9504 16V 0.1u
C9502 16V 0.1u
C9503 16V 0.1u
R9513 47
R9512 47
R9516 10k
28
29
30
31
32

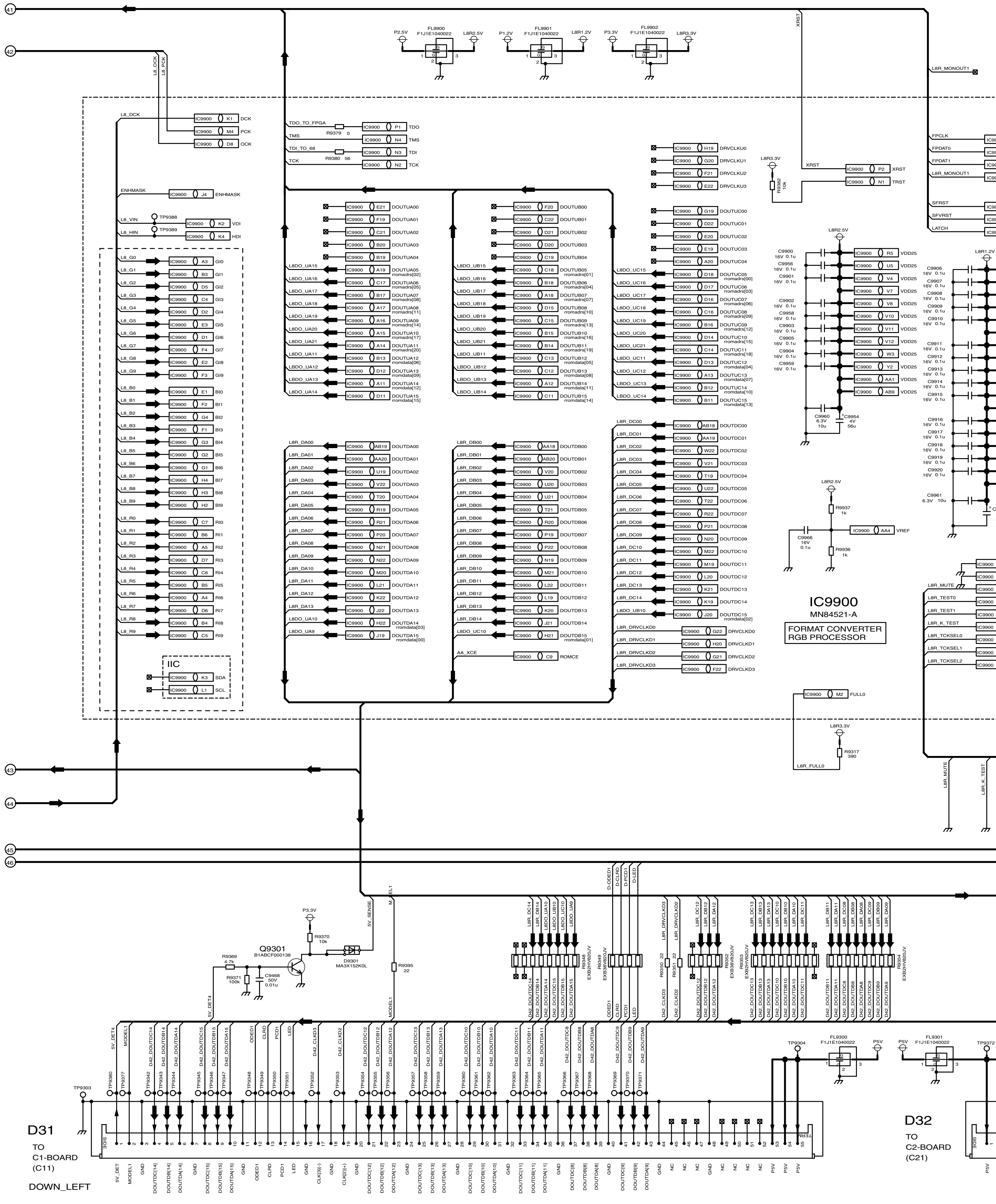
TH-37/42PV600E, TH-37/42PX600B
D-Board (4 of 6) Schematic Diagram


IC9504
C0JBAZ000856
LEVEL CONVERTER
G1
A1
A2
A3
A4
A5
A6
A7
A8
GND
Vcc
G2
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
P5V
C9515
16V
1u
R9528
EXB2HV272JV
D-PCD1
D-PCD2
D-LED
D-CLRD
IC9502
C0EBE0000066
RESET
P3.3V
Vout
Vcc
SUB
GND
NC
C9512
16V
0.1u
PD1M_ROM
P3.3V
C9469
16V
0.1u
IC9303
37inch:TVRN818
42inch:TVRN819
16M FLASH MEMORY
A16
BYTE#
VSS
DQ15/A-1
DQ7
DQ14
DQ6
DQ13
DQ5
DQ12
DQ4
VCC
DQ11
DQ3
DQ10
DQ2
DQ9
DQ1
DQ8
DQ0
OE#
VSS
CE#
A0
A15
A14
A13
A12
A11
A10
A9
A8
A19
NC
WE#
RESET#
NC
NC
RY/BY#
A18
A17
A7
A6
A5
A4
A3
A2
A1
LBDO_UB20
AA_BYTE
0V
LBDO_UA14
LBDO_UC12
LBDO_UB14
LBDO_UA11
LBDO_UC14
LBDO_UB11
LBDO_UA13
LBDO_UC11
LBDO_UB13
LBDO_UA10
LBDO_UC13
LBDO_UB10
LBDO_UC10
LBDO_UA12
LBDO_UB12
LBDO_UA9
AA_XOE
AA_XCE
LBDO_UC15
LBDO_UC20
LBDO_UA19
LBDO_UB19
LBDO_UC19
LBDO_UA18
LBDO_UB18
LBDO_UC18
LBDO_UA17
LBDO_UB21
LBDO_UA21
AA_XWE
R9356
4.7k
R9354
0
R9355
4.7k
LBDO_UC21
LBDO_UA20
LBDO_UB17
LBDO_UC17
LBDO_UA16
LBDO_UB16
LBDO_UC16
LBDO_UA15
LBDO_UB15
41
42
43
44
45
46

TH-37/42PV600E, TH-37/42PX600B
D-Board (4 of 6) Schematic Diagram

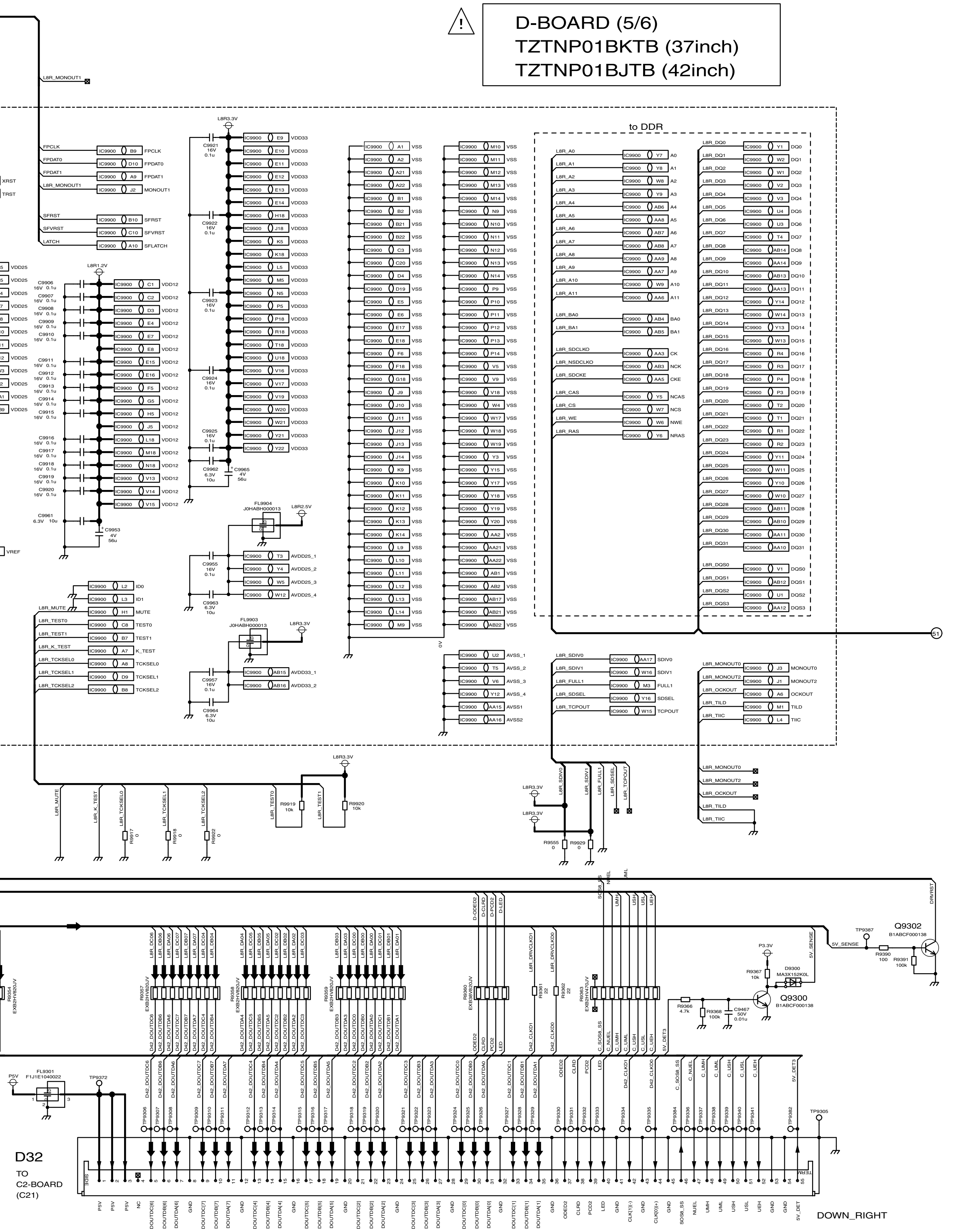
32 33 34 35 36

14.52. D-Board (5 of 6) Schematic Diagram


IC9900
MN84521-A
FORMAT CONVERTER
RGB PROCESSOR
IIC
FL9900
F1J1E1040022
FL9901
F1J1E1040022
FL9902
F1J1E1040022
Q9301
B1ABCF000138
D9301
MA3X152K0L
FL9300
F1J1E1040022
FL9301
F1J1E1040022
D31
TO
C1-BOARD
(C11)
DOWN_LEFT
D32
TO
C2-BOARD
(C21)
41
42
43
44
45
46

TH-37/42PV600E, TH-37/42PX600B D-Board (5 of 6) Schematic Diagram

37	38	39	40	41

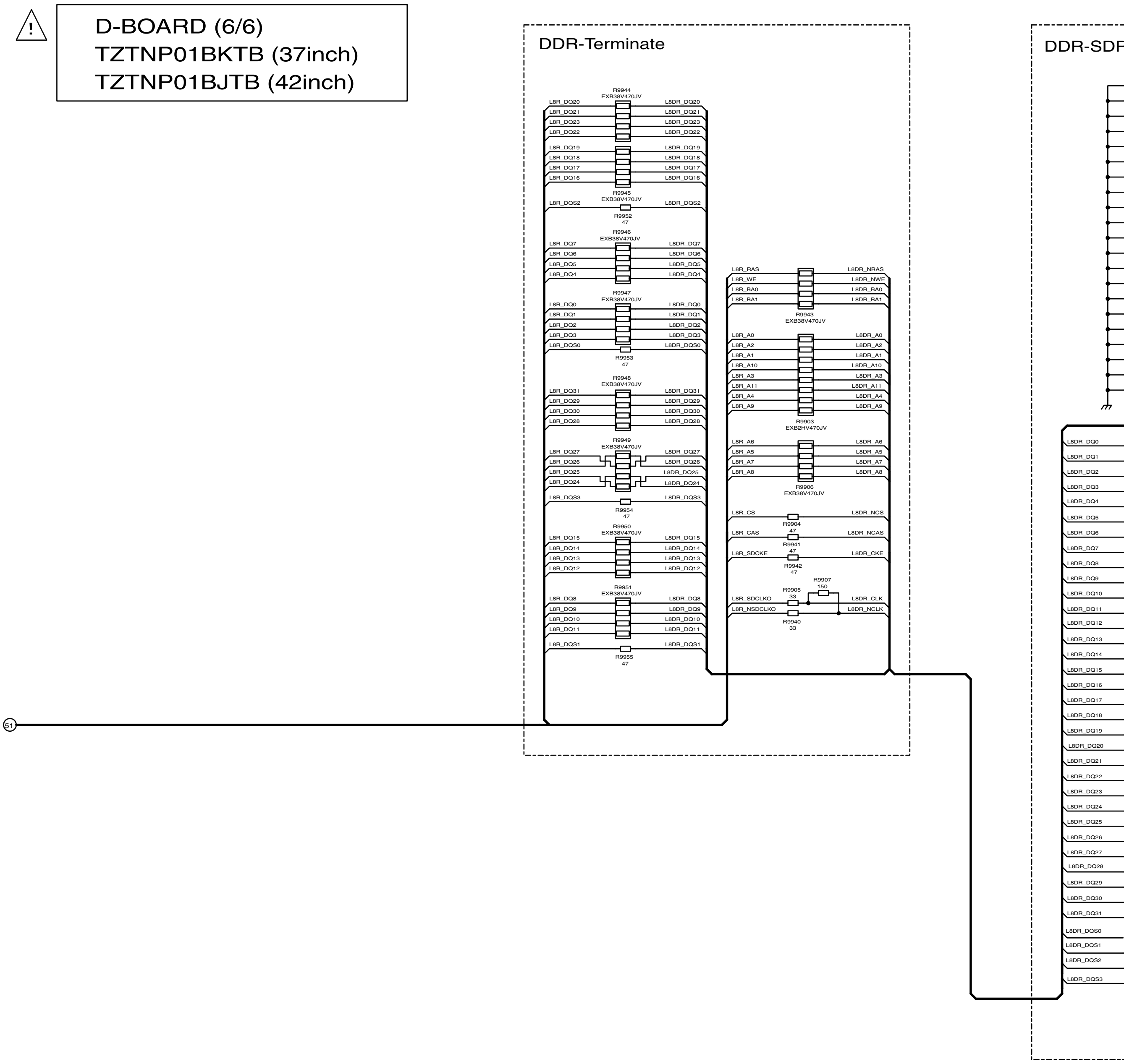

D-BOARD (5/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)
to DDR
IC9900
L8R3.3V
L8R1.2V
L8R2.5V
FL9904
J0HABH000013
FL9903
J0HABH000013
Q9302
B1ABCF000138
Q9300
B1ABCF000138
D9300
MA3X152K0L
FL9301
F1J1E1040022
P5V
P3.3V
D32
TO
C2-BOARD
(C21)
DOWN_RIGHT
51

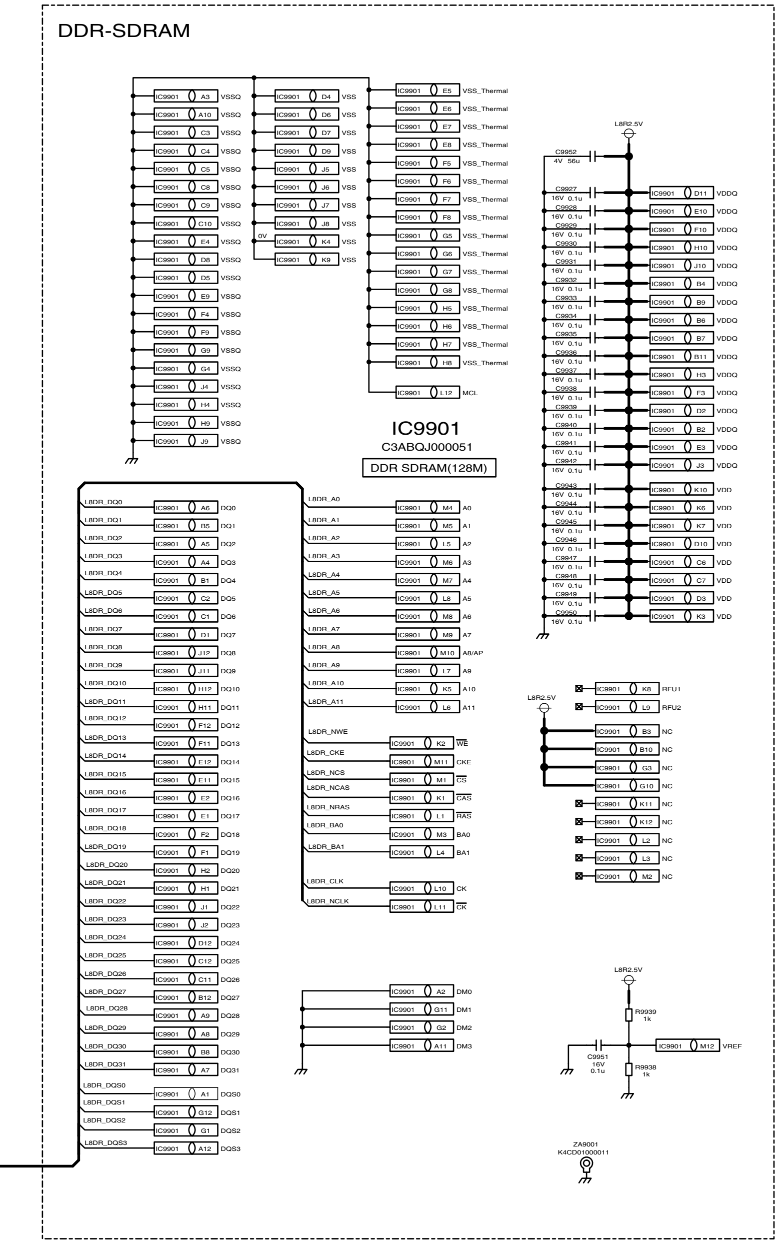
TH-37/42PV600E, TH-37/42PX600B D-Board (5 of 6) Schematic Diagram

41	42	43	44	45

14.53. D-Board (6 of 6) Schematic Diagram

⚠ D-BOARD (6/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)

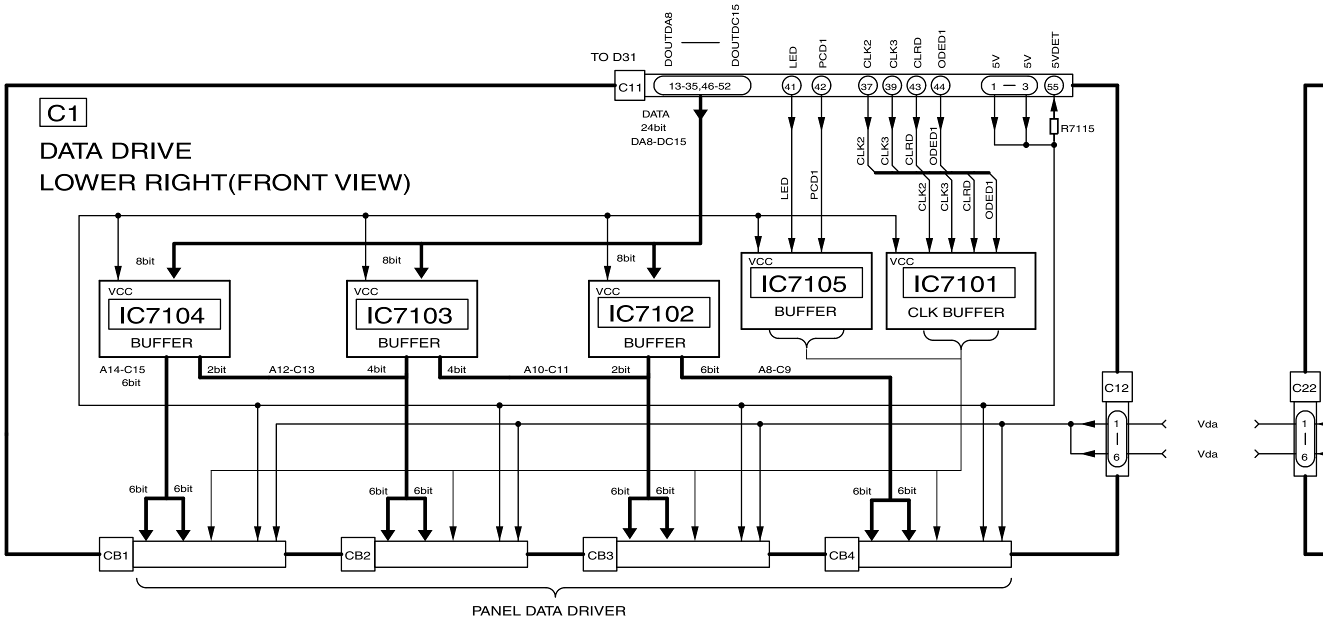

DDR-Terminate
R9944
EXB38V470JV
L8R_DQ20
L8R_DQ21
L8R_DQ23
L8R_DQ22
L8DR_DQ20
L8DR_DQ21
L8DR_DQ23
L8DR_DQ22
L8R_DQ19
L8R_DQ18
L8R_DQ17
L8R_DQ16
L8DR_DQ19
L8DR_DQ18
L8DR_DQ17
L8DR_DQ16
R9945
EXB38V470JV
L8R_DQS2
L8DR_DQS2
R9952
47
R9946
EXB38V470JV
L8R_DQ7
L8R_DQ6
L8R_DQ5
L8R_DQ4
L8DR_DQ7
L8DR_DQ6
L8DR_DQ5
L8DR_DQ4
R9947
EXB38V470JV
L8R_DQ0
L8R_DQ1
L8R_DQ2
L8R_DQ3
L8R_DQS0
L8DR_DQ0
L8DR_DQ1
L8DR_DQ2
L8DR_DQ3
L8DR_DQS0
R9953
47
R9948
EXB38V470JV
L8R_DQ31
L8R_DQ29
L8R_DQ30
L8R_DQ28
L8DR_DQ31
L8DR_DQ29
L8DR_DQ30
L8DR_DQ28
R9949
EXB38V470JV
L8R_DQ27
L8R_DQ26
L8R_DQ25
L8R_DQ24
L8DR_DQ27
L8DR_DQ26
L8DR_DQ25
L8DR_DQ24
L8R_DQS3
L8DR_DQS3
R9954
47
R9950
EXB38V470JV
L8R_DQ15
L8R_DQ14
L8R_DQ13
L8R_DQ12
L8DR_DQ15
L8DR_DQ14
L8DR_DQ13
L8DR_DQ12
R9951
EXB38V470JV
L8R_DQ8
L8R_DQ9
L8R_DQ10
L8R_DQ11
L8DR_DQ8
L8DR_DQ9
L8DR_DQ10
L8DR_DQ11
L8R_DQS1
L8DR_DQS1
R9955
47
L8R_RAS
L8R_WE
L8R_BA0
L8R_BA1
L8DR_NRAS
L8DR_NWE
L8DR_BA0
L8DR_BA1
R9943
EXB38V470JV
L8R_A0
L8R_A2
L8R_A1
L8R_A10
L8R_A3
L8R_A11
L8R_A4
L8R_A9
L8DR_A0
L8DR_A2
L8DR_A1
L8DR_A10
L8DR_A3
L8DR_A11
L8DR_A4
L8DR_A9
R9903
EXB2HV470JV
L8R_A6
L8R_A5
L8R_A7
L8R_A8
L8DR_A6
L8DR_A5
L8DR_A7
L8DR_A8
R9906
EXB38V470JV
L8R_CS
L8DR_NCS
R9904
47
L8R_CAS
L8DR_NCAS
R9941
47
L8R_SDCKE
L8DR_CKE
R9942
47
R9907
150
R9905
33
L8R_SDCLKO
L8R_NSDCLKO
L8DR_CLK
L8DR_NCLK
R9940
33
51
DDR-SDF
L8DR_DQ0
L8DR_DQ1
L8DR_DQ2
L8DR_DQ3
L8DR_DQ4
L8DR_DQ5
L8DR_DQ6
L8DR_DQ7
L8DR_DQ8
L8DR_DQ9
L8DR_DQ10
L8DR_DQ11
L8DR_DQ12
L8DR_DQ13
L8DR_DQ14
L8DR_DQ15
L8DR_DQ16
L8DR_DQ17
L8DR_DQ18
L8DR_DQ19
L8DR_DQ20
L8DR_DQ21
L8DR_DQ22
L8DR_DQ23
L8DR_DQ24
L8DR_DQ25
L8DR_DQ26
L8DR_DQ27
L8DR_DQ28
L8DR_DQ29
L8DR_DQ30
L8DR_DQ31
L8DR_DQS0
L8DR_DQS1
L8DR_DQS2
L8DR_DQS3

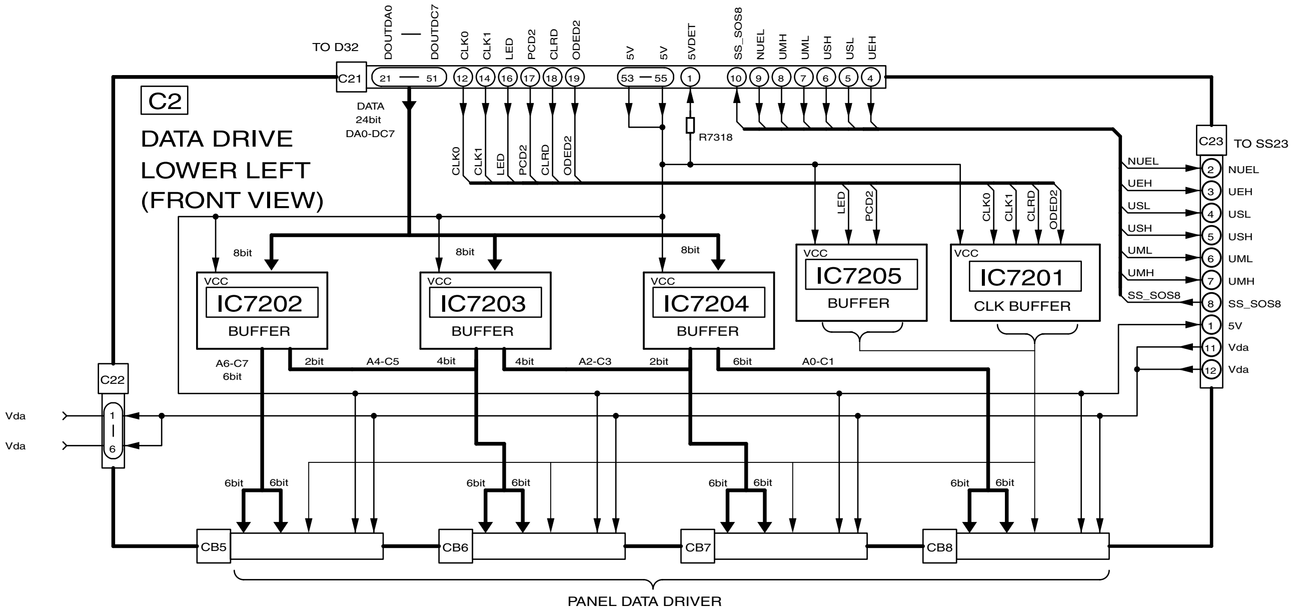

DDR-SDRAM
IC9901 A3 VSSQ
IC9901 A10 VSSQ
IC9901 C3 VSSQ
IC9901 C4 VSSQ
IC9901 C5 VSSQ
IC9901 C8 VSSQ
IC9901 C9 VSSQ
IC9901 C10 VSSQ
IC9901 E4 VSSQ
IC9901 D8 VSSQ
IC9901 D5 VSSQ
IC9901 E9 VSSQ
IC9901 F4 VSSQ
IC9901 F9 VSSQ
IC9901 G9 VSSQ
IC9901 G4 VSSQ
IC9901 J4 VSSQ
IC9901 H4 VSSQ
IC9901 H9 VSSQ
IC9901 J9 VSSQ
IC9901 D4 VSS
IC9901 D6 VSS
IC9901 D7 VSS
IC9901 D9 VSS
IC9901 J5 VSS
IC9901 J6 VSS
IC9901 J7 VSS
IC9901 J8 VSS
0V
IC9901 K4 VSS
IC9901 K9 VSS
IC9901 E5 VSS_Thermal
IC9901 E6 VSS_Thermal
IC9901 E7 VSS_Thermal
IC9901 E8 VSS_Thermal
IC9901 F5 VSS_Thermal
IC9901 F6 VSS_Thermal
IC9901 F7 VSS_Thermal
IC9901 F8 VSS_Thermal
IC9901 G5 VSS_Thermal
IC9901 G6 VSS_Thermal
IC9901 G7 VSS_Thermal
IC9901 G8 VSS_Thermal
IC9901 H5 VSS_Thermal
IC9901 H6 VSS_Thermal
IC9901 H7 VSS_Thermal
IC9901 H8 VSS_Thermal
IC9901 L12 MCL
IC9901
C3ABQJ000051
DDR SDRAM(128M)
L8R2.5V
C9952 4V 56u
C9927 16V 0.1u
C9928 16V 0.1u
C9929 16V 0.1u
C9930 16V 0.1u
C9931 16V 0.1u
C9932 16V 0.1u
C9933 16V 0.1u
C9934 16V 0.1u
C9935 16V 0.1u
C9936 16V 0.1u
C9937 16V 0.1u
C9938 16V 0.1u
C9939 16V 0.1u
C9940 16V 0.1u
C9941 16V 0.1u
C9942 16V 0.1u
C9943 16V 0.1u
C9944 16V 0.1u
C9945 16V 0.1u
C9946 16V 0.1u
C9947 16V 0.1u
C9948 16V 0.1u
C9949 16V 0.1u
C9950 16V 0.1u
IC9901 D11 VDDQ
IC9901 E10 VDDQ
IC9901 F10 VDDQ
IC9901 H10 VDDQ
IC9901 J10 VDDQ
IC9901 B4 VDDQ
IC9901 B9 VDDQ
IC9901 B6 VDDQ
IC9901 B7 VDDQ
IC9901 B11 VDDQ
IC9901 H3 VDDQ
IC9901 F3 VDDQ
IC9901 D2 VDDQ
IC9901 B2 VDDQ
IC9901 E3 VDDQ
IC9901 J3 VDDQ
IC9901 K10 VDD
IC9901 K6 VDD
IC9901 K7 VDD
IC9901 D10 VDD
IC9901 C6 VDD
IC9901 C7 VDD
IC9901 D3 VDD
IC9901 K3 VDD
L8DR_DQ0 IC9901 A6 DQ0
L8DR_DQ1 IC9901 B5 DQ1
L8DR_DQ2 IC9901 A5 DQ2
L8DR_DQ3 IC9901 A4 DQ3
L8DR_DQ4 IC9901 B1 DQ4
L8DR_DQ5 IC9901 C2 DQ5
L8DR_DQ6 IC9901 C1 DQ6
L8DR_DQ7 IC9901 D1 DQ7
L8DR_DQ8 IC9901 J12 DQ8
L8DR_DQ9 IC9901 J11 DQ9
L8DR_DQ10 IC9901 H12 DQ10
L8DR_DQ11 IC9901 H11 DQ11
L8DR_DQ12 IC9901 F12 DQ12
L8DR_DQ13 IC9901 F11 DQ13
L8DR_DQ14 IC9901 E12 DQ14
L8DR_DQ15 IC9901 E11 DQ15
L8DR_DQ16 IC9901 E2 DQ16
L8DR_DQ17 IC9901 E1 DQ17
L8DR_DQ18 IC9901 F2 DQ18
L8DR_DQ19 IC9901 F1 DQ19
L8DR_DQ20 IC9901 H2 DQ20
L8DR_DQ21 IC9901 H1 DQ21
L8DR_DQ22 IC9901 J1 DQ22
L8DR_DQ23 IC9901 J2 DQ23
L8DR_DQ24 IC9901 D12 DQ24
L8DR_DQ25 IC9901 C12 DQ25
L8DR_DQ26 IC9901 C11 DQ26
L8DR_DQ27 IC9901 B12 DQ27
L8DR_DQ28 IC9901 A9 DQ28
L8DR_DQ29 IC9901 A8 DQ29
L8DR_DQ30 IC9901 B8 DQ30
L8DR_DQ31 IC9901 A7 DQ31
L8DR_DQS0 IC9901 A1 DQS0
L8DR_DQS1 IC9901 G12 DQS1
L8DR_DQS2 IC9901 G1 DQS2
L8DR_DQS3 IC9901 A12 DQS3
L8DR_A0 IC9901 M4 A0
L8DR_A1 IC9901 M5 A1
L8DR_A2 IC9901 L5 A2
L8DR_A3 IC9901 M6 A3
L8DR_A4 IC9901 M7 A4
L8DR_A5 IC9901 L8 A5
L8DR_A6 IC9901 M8 A6
L8DR_A7 IC9901 M9 A7
L8DR_A8 IC9901 M10 A8/AP
L8DR_A9 IC9901 L7 A9
L8DR_A10 IC9901 K5 A10
L8DR_A11 IC9901 L6 A11
L8DR_NWE IC9901 K2 WE
L8DR_CKE IC9901 M11 CKE
L8DR_NCS IC9901 M1 CS
L8DR_NCAS IC9901 K1 CAS
L8DR_NRAS IC9901 L1 RAS
L8DR_BA0 IC9901 M3 BA0
L8DR_BA1 IC9901 L4 BA1
L8DR_CLK IC9901 L10 CK
L8DR_NCLK IC9901 L11 CK
IC9901 A2 DM0
IC9901 G11 DM1
IC9901 G2 DM2
IC9901 A11 DM3
IC9901 K8 RFU1
IC9901 L9 RFU2
L8R2.5V
IC9901 B3 NC
IC9901 B10 NC
IC9901 G3 NC
IC9901 G10 NC
IC9901 K11 NC
IC9901 K12 NC
IC9901 L2 NC
IC9901 L3 NC
IC9901 M2 NC
L8R2.5V
R9939 1k
C9951 16V 0.1u
IC9901 M12 VREF
R9938 1k
ZA9001
K4CD01000011

TH-37/42PV600E, TH-37/42PX600B
D-Board (6 of 6) Schematic Diagram

50	51	52	53	54

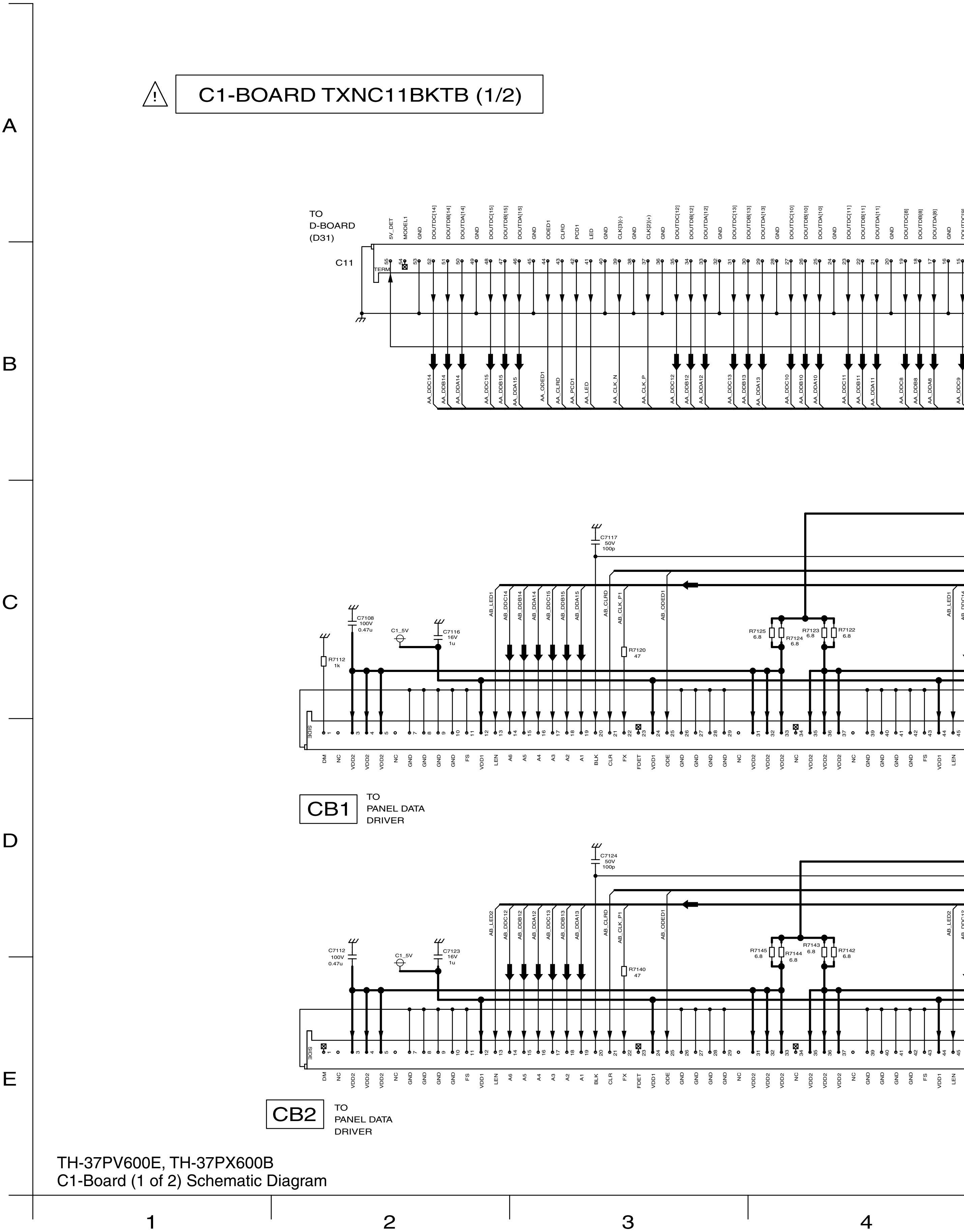
14.54. C1 and C2-Board Block Diagram


TO D31
C11
13-35,46-52
DOUTDA8
DOUTDC15
LED
PCD1
CLK2
CLK3
CLRD
ODED1
5V
5V
5VDET
41
42
37
39
43
44
1
3
55
R7115
C1
DATA DRIVE
LOWER RIGHT(FRONT VIEW)
DATA
24bit
DA8-DC15
8bit
8bit
8bit
VCC
IC7104
BUFFER
VCC
IC7103
BUFFER
VCC
IC7102
BUFFER
VCC
IC7105
BUFFER
VCC
IC7101
CLK BUFFER
A14-C15
6bit
2bit
A12-C13
4bit
4bit
A10-C11
2bit
6bit
A8-C9
6bit
6bit
6bit
6bit
6bit
6bit
6bit
6bit
C12
C22
Vda
Vda
1
6
1
6
CB1
CB2
CB3
CB4
PANEL DATA DRIVER


C2
DATA DRIVE
LOWER LEFT
(FRONT VIEW)
TO D32
C21
DOUTDA0
DOUTDC7
21
51
CLK0
CLK1
LED
PCD2
CLRD
ODED2
12
14
16
17
18
19
5V
5V
53
55
5VDET
1
SS_SOS8
NUEL
UMH
UML
USH
USL
UEH
10
9
8
7
6
5
4
DATA
24bit
DA0-DC7
R7318
C23
TO SS23
NUEL
UEH
USL
USH
UML
UMH
SS_SOS8
5V
Vda
Vda
2
3
4
5
6
7
8
1
11
12
8bit
8bit
8bit
VCC
IC7202
BUFFER
IC7203
BUFFER
IC7204
BUFFER
IC7205
BUFFER
IC7201
CLK BUFFER
A6-C7
6bit
2bit
A4-C5
4bit
4bit
A2-C3
2bit
6bit
A0-C1
C22
Vda
Vda
1
6
6bit
6bit
CB5
CB6
CB7
CB8
PANEL DATA DRIVER

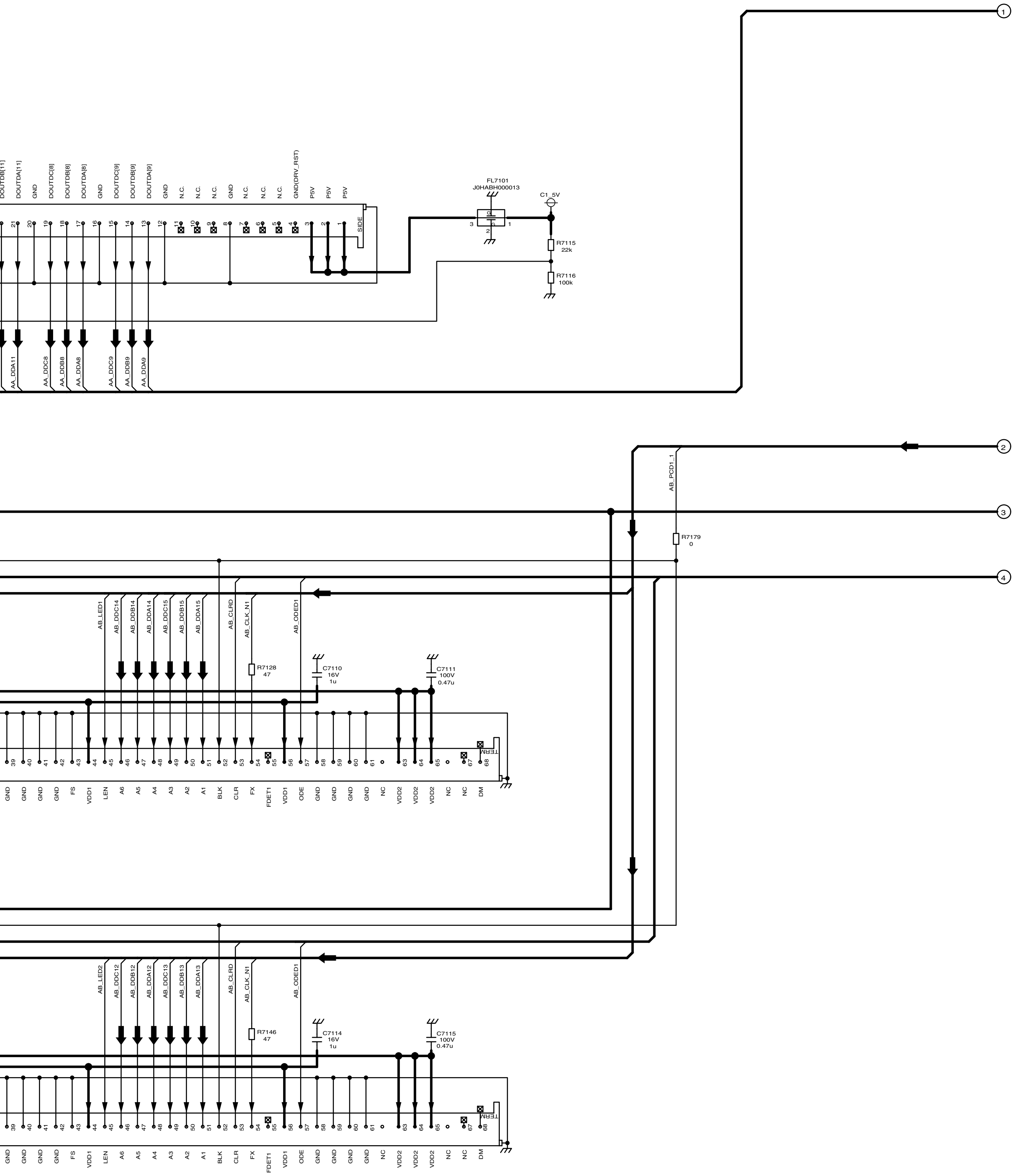
TH-37/42PV600E, TH-37/42PX600B
C1 and C2-Board Block Diagram

14.55. C1-Board (1 of 2) Schematic Diagram (37inch)



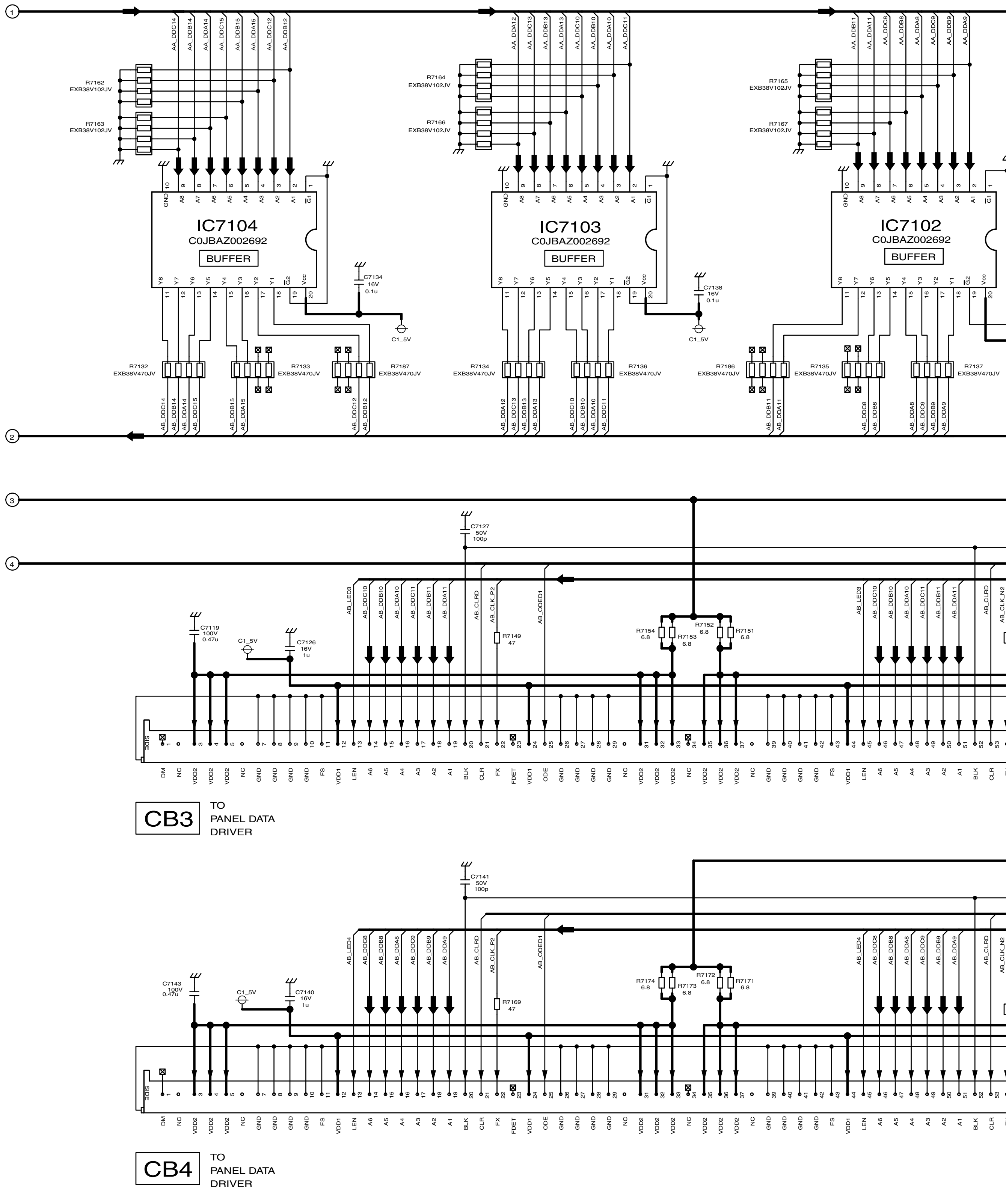
A
B
C
D
E
1
2
3
4
C1-BOARD TXNC11BKTB (1/2)
TO
D-BOARD
(D31)
C11
TERM
5V_DET
MODEL1
GND
DOUTDC[14]
DOUTDB[14]
DOUTDA[14]
GND
DOUTDC[15]
DOUTDB[15]
DOUTDA[15]
GND
ODED1
CLRD
PCD1
LED
GND
CLK[3](-)
GND
CLK[2](+)
GND
DOUTDC[12]
DOUTDB[12]
DOUTDA[12]
GND
DOUTDC[13]
DOUTDB[13]
DOUTDA[13]
GND
DOUTDC[10]
DOUTDB[10]
DOUTDA[10]
GND
DOUTDC[11]
DOUTDB[11]
DOUTDA[11]
GND
DOUTDC[8]
DOUTDB[8]
DOUTDA[8]
GND
AA_DDC14
AA_DDB14
AA_DDA14
AA_DDC15
AA_DDB15
AA_DDA15
AA_ODED1
AA_CLRD
AA_PCD1
AA_LED
AA_CLK_N
AA_CLK_P
AA_DDC12
AA_DDB12
AA_DDA12
AA_DDC13
AA_DDB13
AA_DDA13
AA_DDC10
AA_DDB10
AA_DDA10
AA_DDC11
AA_DDB11
AA_DDA11
AA_DDC8
AA_DDB8
AA_DDA8
AA_DDC9
C7117 50V 100p
C7108 100V 0.47u
C1_5V
C7116 16V 1u
R7112 1k
AB_LED1
AB_DDC14
AB_DDB14
AB_DDA14
AB_DDC15
AB_DDB15
AB_DDA15
AB_CLRD
AB_CLK_P1
AB_ODED1
R7120 47
R7125 6.8
R7124 6.8
R7123 6.8
R7122 6.8
SIDE
DM
NC
VDD2
VDD2
VDD2
NC
GND
GND
GND
GND
FS
VDD1
LEN
A6
A5
A4
A3
A2
A1
BLK
CLR
FX
FDET
VDD1
ODE
GND
GND
GND
GND
NC
VDD2
VDD2
VDD2
NC
VDD2
VDD2
VDD2
NC
GND
GND
GND
GND
FS
VDD1
LEN
CB1
TO
PANEL DATA
DRIVER
C7124 50V 100p
C7112 100V 0.47u
C7123 16V 1u
AB_LED2
AB_DDC12
AB_DDB12
AB_DDA12
AB_DDC13
AB_DDB13
AB_DDA13
AB_CLRD
AB_CLK_P1
AB_ODED1
R7140 47
R7145 6.8
R7144 6.8
R7143 6.8
R7142 6.8
CB2
TO
PANEL DATA
DRIVER

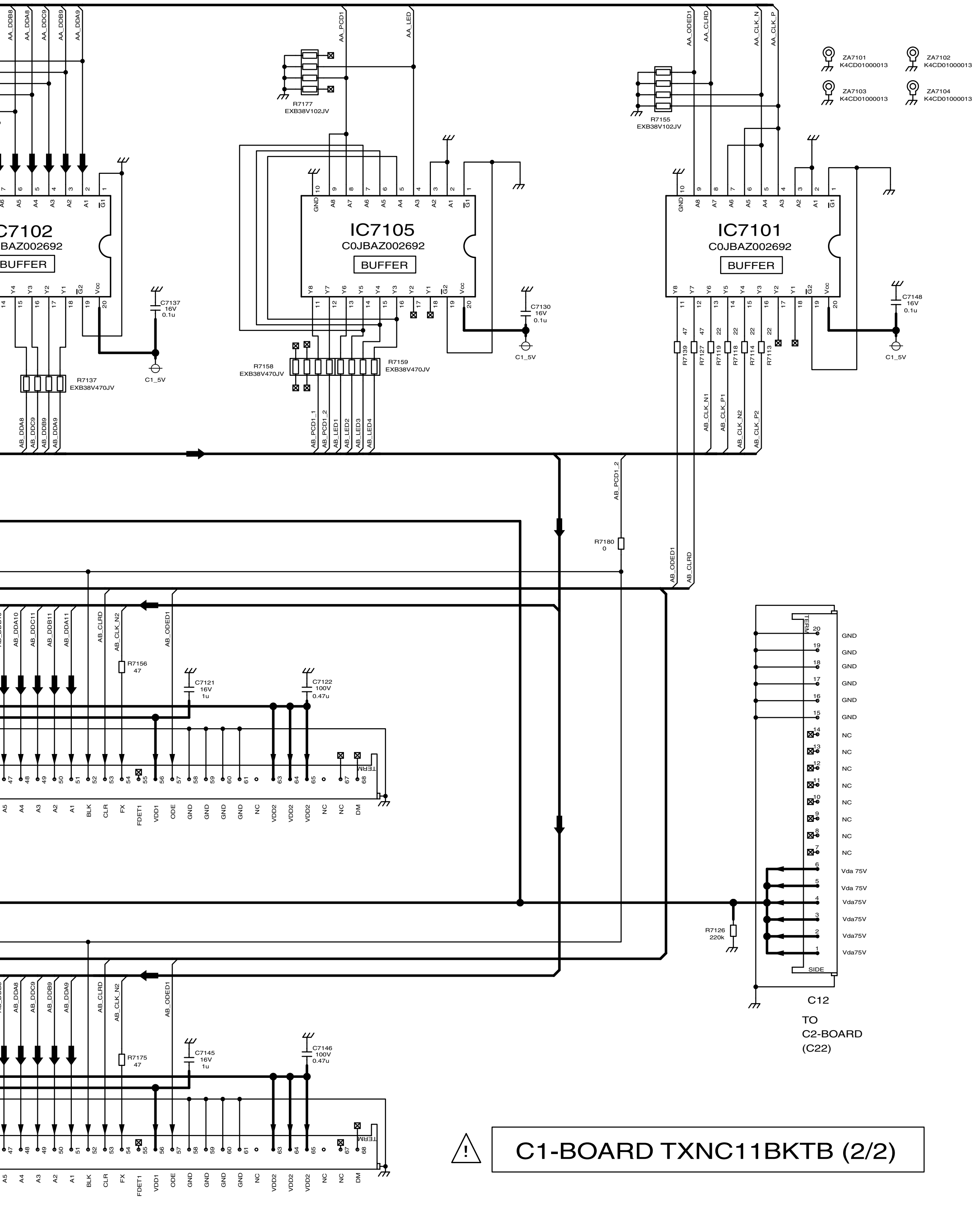
TH-37PV600E, TH-37PX600B
C1-Board (1 of 2) Schematic Diagram


DOUTDB[11]
DOUTDA[11]
GND
DOUTDC[8]
DOUTDB[8]
DOUTDA[8]
GND
DOUTDC[9]
DOUTDB[9]
DOUTDA[9]
GND
N.C.
N.C.
N.C.
GND
N.C.
N.C.
N.C.
GND(DRV_RST)
P5V
P5V
P5V
SIDE
FL7101
J0HABH000013
C1_5V
R7115
22k
R7116
100k
AA_DDA11
AA_DDC8
AA_DDB8
AA_DDA8
AA_DDC9
AA_DDB9
AA_DDA9
1
2
3
4
AB_PCD1_1
R7179
0
AB_LED1
AB_DDC14
AB_DDB14
AB_DDA14
AB_DDC15
AB_DDB15
AB_DDA15
AB_CLRD
AB_CLK_N1
AB_ODED1
R7128
47
C7110
16V
1u
C7111
100V
0.47u
TERM
GND
GND
GND
GND
FS
VDD1
LEN
A6
A5
A4
A3
A2
A1
BLK
CLR
FX
FDET1
VDD1
ODE
GND
GND
GND
GND
NC
VDD2
VDD2
VDD2
NC
NC
DM
AB_LED2
AB_DDC12
AB_DDB12
AB_DDA12
AB_DDC13
AB_DDB13
AB_DDA13
AB_CLRD
AB_CLK_N1
AB_ODED1
R7146
47
C7114
16V
1u
C7115
100V
0.47u
TERM

TH-37PV600E, TH-37PX600B
C1-Board (1 of 2) Schematic Diagram

14.56. C1-Board (2 of 2) Schematic Diagram (37inch)

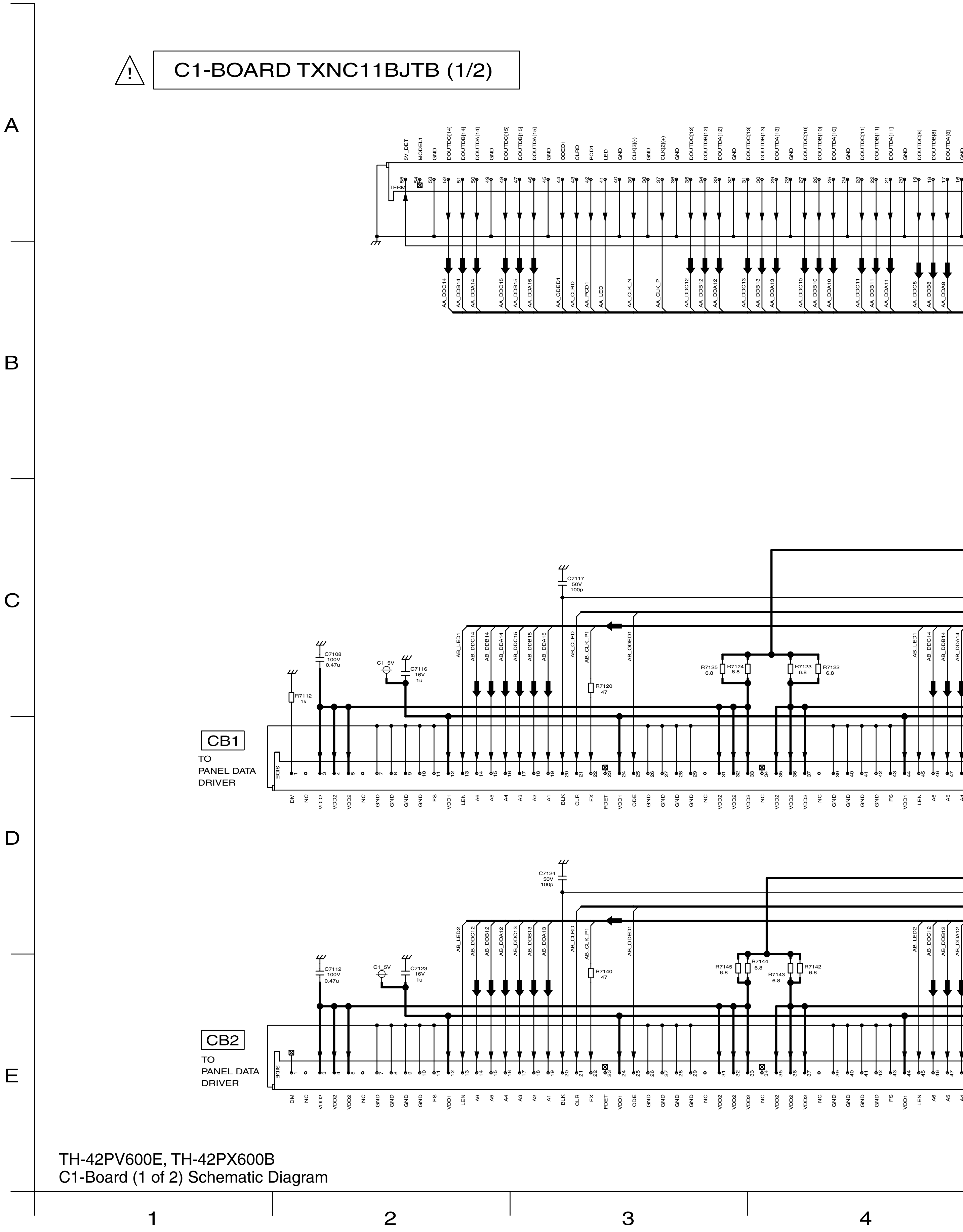

IC7104
C0JBAZ002692
BUFFER
IC7103
C0JBAZ002692
BUFFER
IC7102
C0JBAZ002692
BUFFER
R7162 EXB38V102JV
R7163 EXB38V102JV
R7164 EXB38V102JV
R7166 EXB38V102JV
R7165 EXB38V102JV
R7167 EXB38V102JV
C7134 16V 0.1u
C7138 16V 0.1u
C1_5V
R7132 EXB38V470JV
R7133 EXB38V470JV
R7187 EXB38V470JV
R7134 EXB38V470JV
R7136 EXB38V470JV
R7186 EXB38V470JV
R7135 EXB38V470JV
R7137 EXB38V470JV
C7127 50V 100p
C7119 100V 0.47u
C7126 16V 1u
R7149 47
R7154 6.8
R7153 6.8
R7152 6.8
R7151 6.8
CB3
TO
PANEL DATA
DRIVER
C7141 50V 100p
C7143 100V 0.47u
C7140 16V 1u
R7169 47
R7174 6.8
R7173 6.8
R7172 6.8
R7171 6.8
CB4
TO
PANEL DATA
DRIVER


AA_DDB8
AA_DDA8
AA_DDC9
AA_DDB9
AA_DDA9
AA_PCD1
AA_LED
AA_ODED1
AA_CLRD
AA_CLK_N
AA_CLK_P
R7177
EXB38V102JV
R7155
EXB38V102JV
ZA7101
K4CD01000013
ZA7102
K4CD01000013
ZA7103
K4CD01000013
ZA7104
K4CD01000013
IC7102
BAZ002692
BUFFER
IC7105
C0JBAZ002692
BUFFER
IC7101
C0JBAZ002692
BUFFER
C7137
16V
0.1u
C7130
16V
0.1u
C7148
16V
0.1u
C1_5V
R7137
EXB38V470JV
R7158
EXB38V470JV
R7159
EXB38V470JV
R7139
R7127
R7119
R7118
R7114
R7113
AB_DDA8
AB_DDC9
AB_DDB9
AB_DDA9
AB_PCD1_1
AB_PCD1_2
AB_LED1
AB_LED2
AB_LED3
AB_LED4
AB_CLK_N1
AB_CLK_P1
AB_CLK_N2
AB_CLK_P2
R7180
0
AB_ODED1
AB_CLRD
AB_DDA10
AB_DDC11
AB_DDB11
AB_DDA11
AB_CLK_N2
R7156
47
C7121
16V
1u
C7122
100V
0.47u
A5
A4
A3
A2
A1
BLK
CLR
FX
FDET1
VDD1
ODE
GND
NC
VDD2
DM
TERM
R7175
47
C7145
16V
1u
C7146
100V
0.47u
R7126
220k
GND
NC
Vda 75V
Vda75V
SIDE
C12
TO
C2-BOARD
(C22)

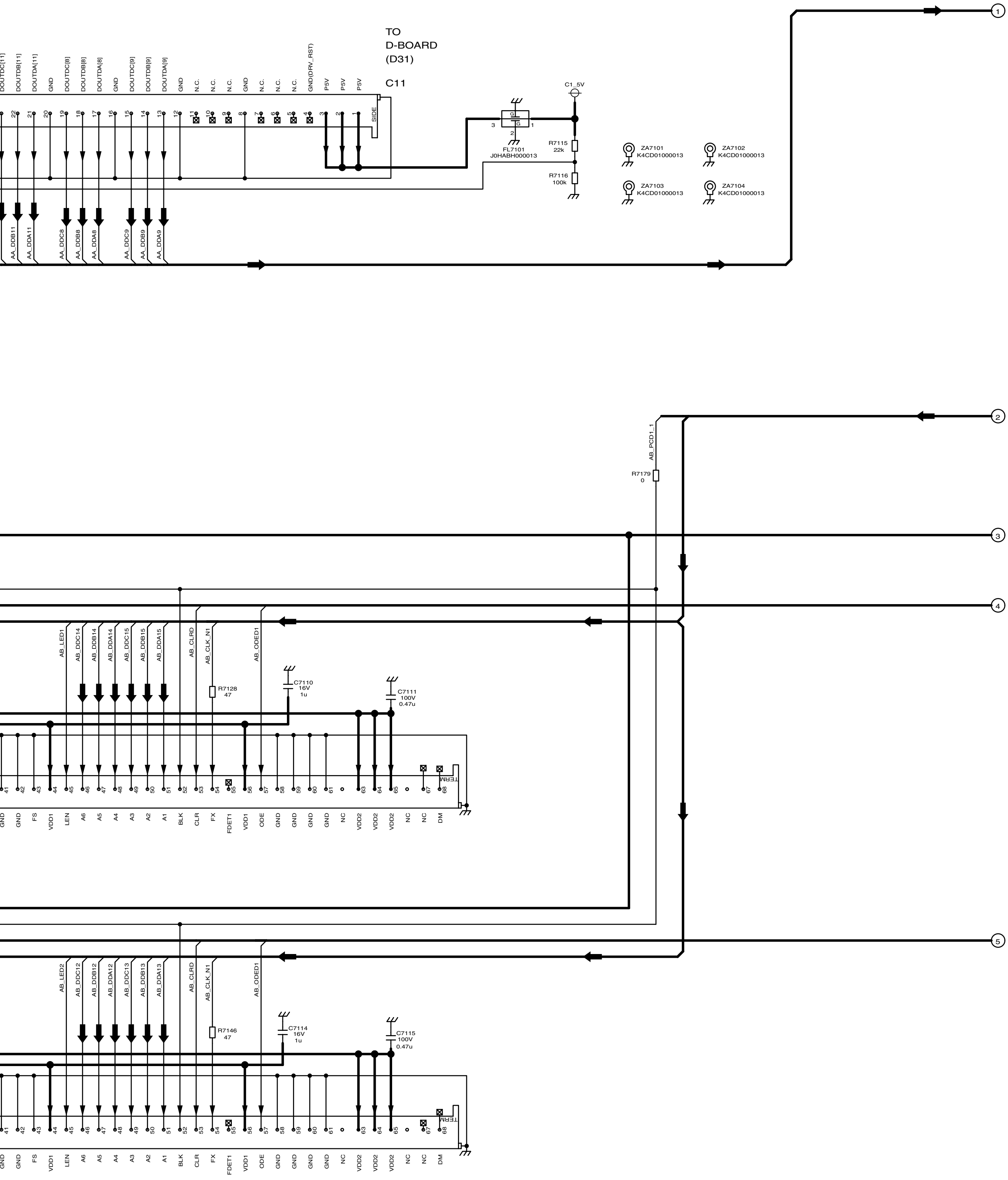
C1-BOARD TXNC11BKTB (2/2)

TH-37PV600E, TH-37PX600B
C1-Board (2 of 2) Schematic Diagram

14.57. C1-Board (1 of 2) Schematic Diagram (42inch)


A
B
C
D
E
1
2
3
4
C1-BOARD TXNC11BJTB (1/2)
TERM
5V_DET
MODEL1
GND
DOUTDC[14]
DOUTDB[14]
DOUTDA[14]
DOUTDC[15]
DOUTDB[15]
DOUTDA[15]
ODED1
CLRD
PCD1
LED
CLK[3](-)
CLK[2](+)
DOUTDC[12]
DOUTDB[12]
DOUTDA[12]
DOUTDC[13]
DOUTDB[13]
DOUTDA[13]
DOUTDC[10]
DOUTDB[10]
DOUTDA[10]
DOUTDC[11]
DOUTDB[11]
DOUTDA[11]
DOUTDC[8]
DOUTDB[8]
DOUTDA[8]
AA_DDC14
AA_DDB14
AA_DDA14
AA_DDC15
AA_DDB15
AA_DDA15
AA_ODED1
AA_CLRD
AA_PCD1
AA_LED
AA_CLK_N
AA_CLK_P
AA_DDC12
AA_DDB12
AA_DDA12
AA_DDC13
AA_DDB13
AA_DDA13
AA_DDC10
AA_DDB10
AA_DDA10
AA_DDC11
AA_DDB11
AA_DDA11
AA_DDC8
AA_DDB8
AA_DDA8
C7117 50V 100p
C7108 100V 0.47u
C1_5V
C7116 16V 1u
R7112 1k
R7120 47
R7125 6.8
R7124 6.8
R7123 6.8
R7122 6.8
AB_LED1
AB_DDC14
AB_DDB14
AB_DDA14
AB_DDC15
AB_DDB15
AB_DDA15
AB_CLRD
AB_CLK_P1
AB_ODED1
CB1
TO PANEL DATA DRIVER
SIDE
DM
NC
VDD2
GND
FS
VDD1
LEN
A6
A5
A4
A3
A2
A1
BLK
CLR
FX
FDET
ODE
C7124 50V 100p
C7112 100V 0.47u
C7123 16V 1u
R7140 47
R7145 6.8
R7144 6.8
R7143 6.8
R7142 6.8
AB_LED2
AB_DDC12
AB_DDB12
AB_DDA12
AB_DDC13
AB_DDB13
AB_DDA13
CB2

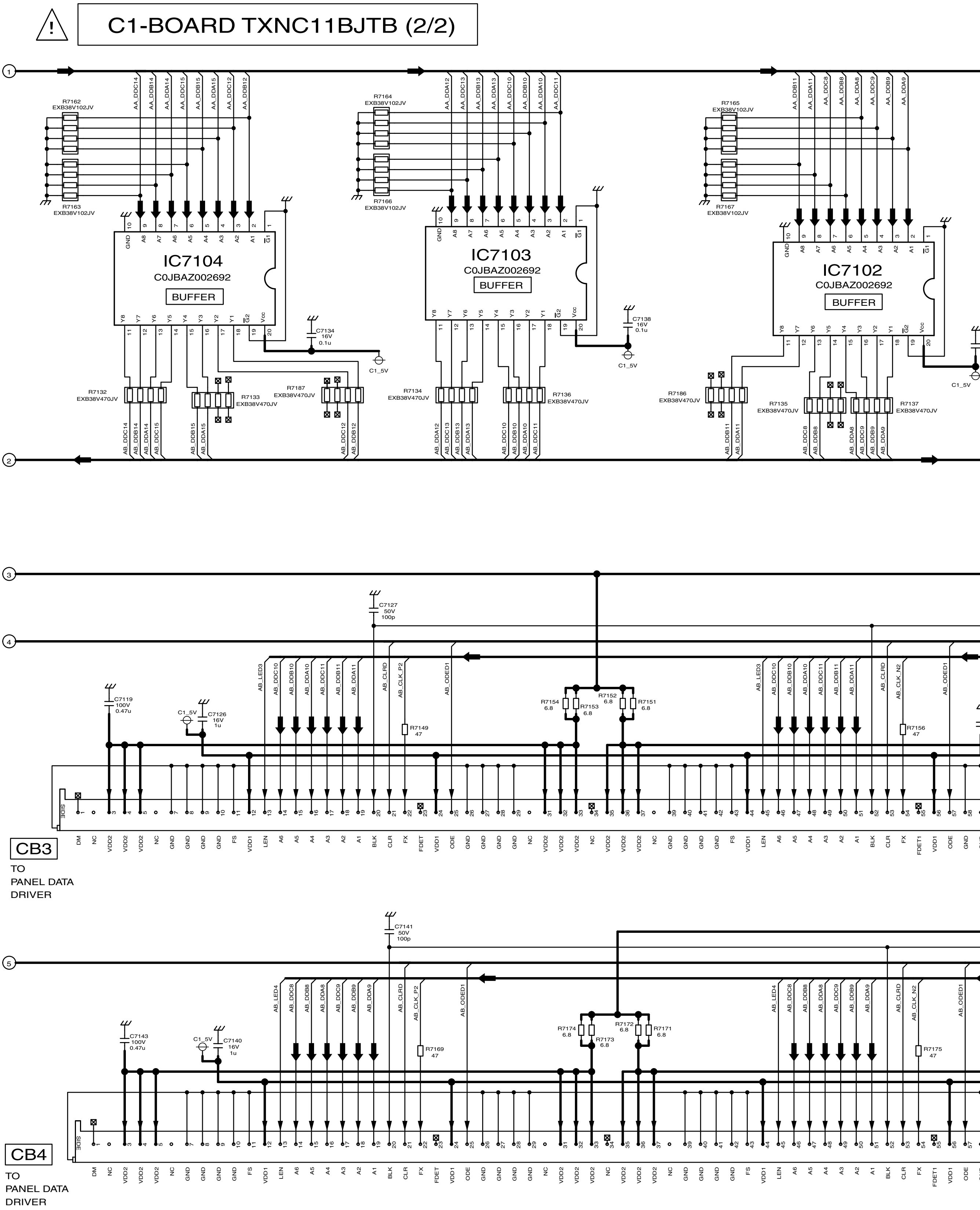
TH-42PV600E, TH-42PX600B
C1-Board (1 of 2) Schematic Diagram


TO
D-BOARD
(D31)
C11
DOUTDC[11]
DOUTDB[11]
DOUTDA[11]
GND
DOUTDC[8]
DOUTDB[8]
DOUTDA[8]
GND
DOUTDC[9]
DOUTDB[9]
DOUTDA[9]
GND
N.C.
N.C.
N.C.
GND
N.C.
N.C.
N.C.
GND(DRV_RST)
P5V
P5V
P5V
SIDE
C1_5V
FL7101
J0HABH000013
R7115
22k
R7116
100k
ZA7101
K4CD01000013
ZA7102
K4CD01000013
ZA7103
K4CD01000013
ZA7104
K4CD01000013
AA_DDB11
AA_DDA11
AA_DDC8
AA_DDB8
AA_DDA8
AA_DDC9
AA_DDB9
AA_DDA9
1
2
3
4
5
AB_PCD1_1
R7179
0
AB_LED1
AB_DDC14
AB_DDB14
AB_DDA14
AB_DDC15
AB_DDB15
AB_DDA15
AB_CLRD
AB_CLK_N1
AB_ODED1
R7128
47
C7110
16V
1u
C7111
100V
0.47u
TERM
GND
GND
FS
VDD1
LEN
A6
A5
A4
A3
A2
A1
BLK
CLR
FX
FDET1
VDD1
ODE
GND
GND
GND
GND
NC
VDD2
VDD2
VDD2
NC
NC
DM
AB_LED2
AB_DDC12
AB_DDB12
AB_DDA12
AB_DDC13
AB_DDB13
AB_DDA13
AB_CLRD
AB_CLK_N1
AB_ODED1
R7146
47
C7114
16V
1u
C7115
100V
0.47u
TERM

TH-42PV600E, TH-42PX600B
C1-Board (1 of 2) Schematic Diagram

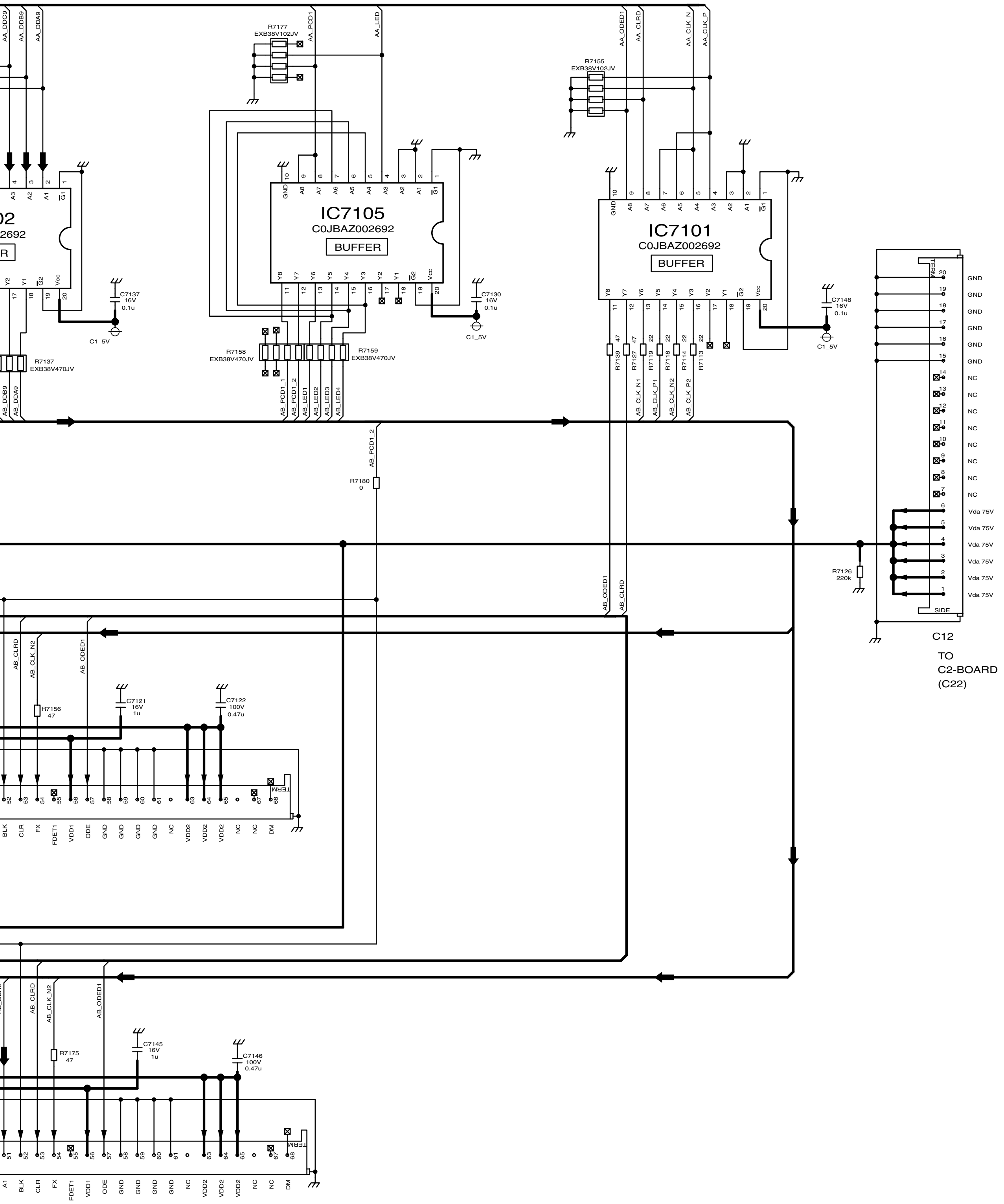
4 5 6 7 8

14.58. C1-Board (2 of 2) Schematic Diagram (42inch)


C1-BOARD TXNC11BJTB (2/2)
IC7104
C0JBAZ002692
BUFFER
IC7103
C0JBAZ002692
BUFFER
IC7102
C0JBAZ002692
BUFFER
R7162 EXB38V102JV
R7163 EXB38V102JV
R7164 EXB38V102JV
R7166 EXB38V102JV
R7165 EXB38V102JV
R7167 EXB38V102JV
R7132 EXB38V470JV
R7133 EXB38V470JV
R7187 EXB38V470JV
R7134 EXB38V470JV
R7136 EXB38V470JV
R7186 EXB38V470JV
R7135 EXB38V470JV
R7137 EXB38V470JV
C7134 16V 0.1u
C7138 16V 0.1u
C1_5V
C7127 50V 100p
C7119 100V 0.47u
C7126 16V 1u
R7149 47
R7154 6.8
R7153 6.8
R7152 6.8
R7151 6.8
R7156 47
C7141 50V 100p
C7143 100V 0.47u
C7140 16V 1u
R7169 47
R7174 6.8
R7173 6.8
R7172 6.8
R7171 6.8
R7175 47
CB3
TO PANEL DATA DRIVER
CB4
TO PANEL DATA DRIVER
1
2
3
4
5

TH-42PV600E, TH-42PX600B
C1-Board (2 of 2) Schematic Diagram

8 9 10 11 12

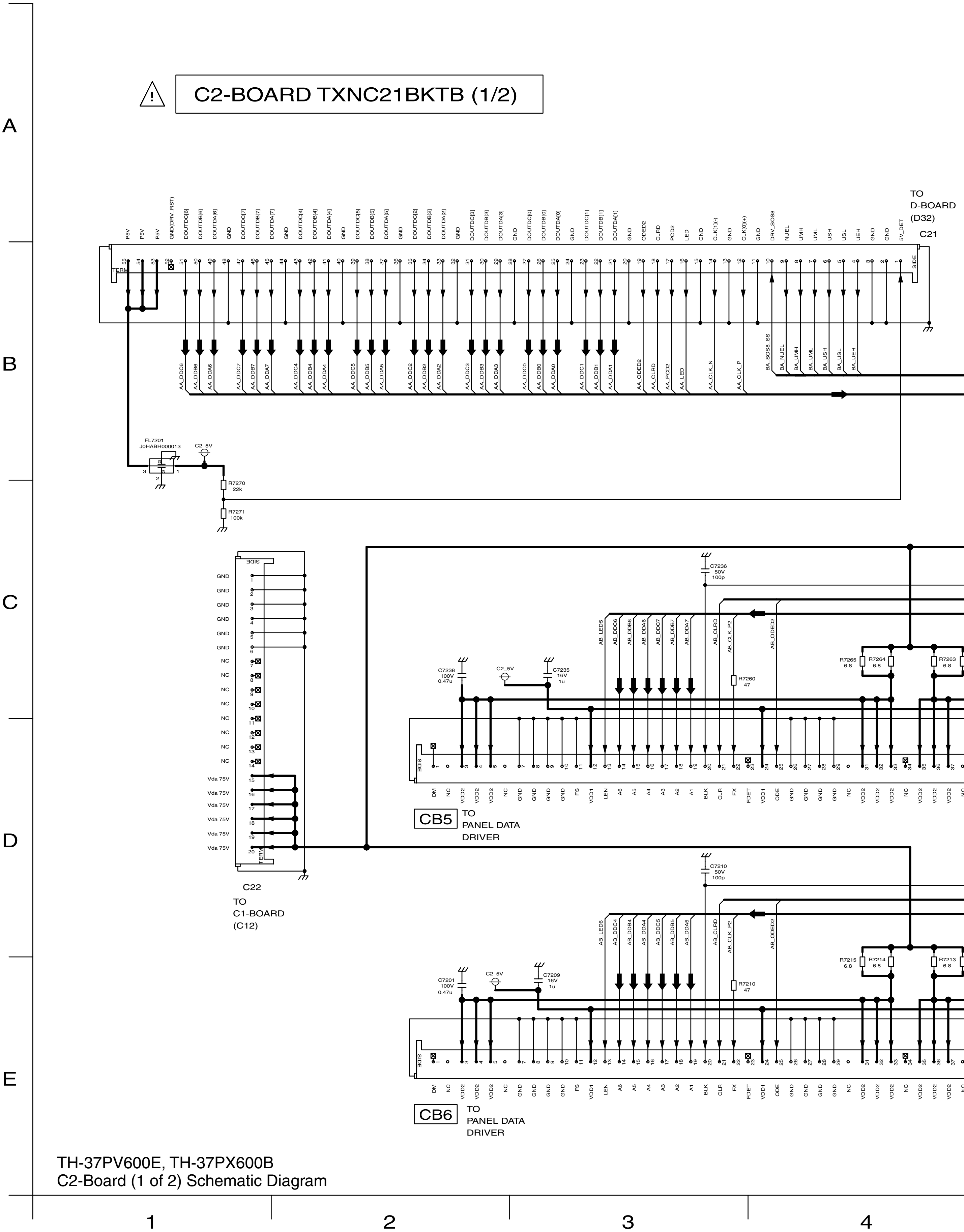


IC7105
C0JBAZ002692
BUFFER
IC7101
C0JBAZ002692
BUFFER
2692
R7177
EXB38V102JV
R7155
EXB38V102JV
R7158
EXB38V470JV
R7159
EXB38V470JV
R7137
EXB38V470JV
R7180
0
R7126
220k
R7139 47
R7127 47
R7119 22
R7118 22
R7114 22
R7113 22
R7156
47
R7175
47
C7137
16V
0.1u
C7130
16V
0.1u
C7148
16V
0.1u
C7121
16V
1u
C7122
100V
0.47u
C7145
16V
1u
C7146
100V
0.47u
C1_5V
AA_DDC9
AA_DDB9
AA_DDA9
AA_PCD1
AA_LED
AA_ODED1
AA_CLRD
AA_CLK_N
AA_CLK_P
AB_DDB9
AB_DDA9
AB_PCD1_1
AB_PCD1_2
AB_LED1
AB_LED2
AB_LED3
AB_LED4
AB_CLK_N1
AB_CLK_P1
AB_CLK_N2
AB_CLK_P2
AB_ODED1
AB_CLRD
GND
Vcc
A1 A2 A3 A4 A5 A6 A7 A8
Y1 Y2 Y3 Y4 Y5 Y6 Y7 Y8
G1
G2
TERM
SIDE
NC
Vda 75V
C12
TO
C2-BOARD
(C22)
BLK
CLR
FX
FDET1
VDD1
ODE
VDD2
DM
A1

TH-42PV600E, TH-42PX600B
C1-Board (2 of 2) Schematic Diagram

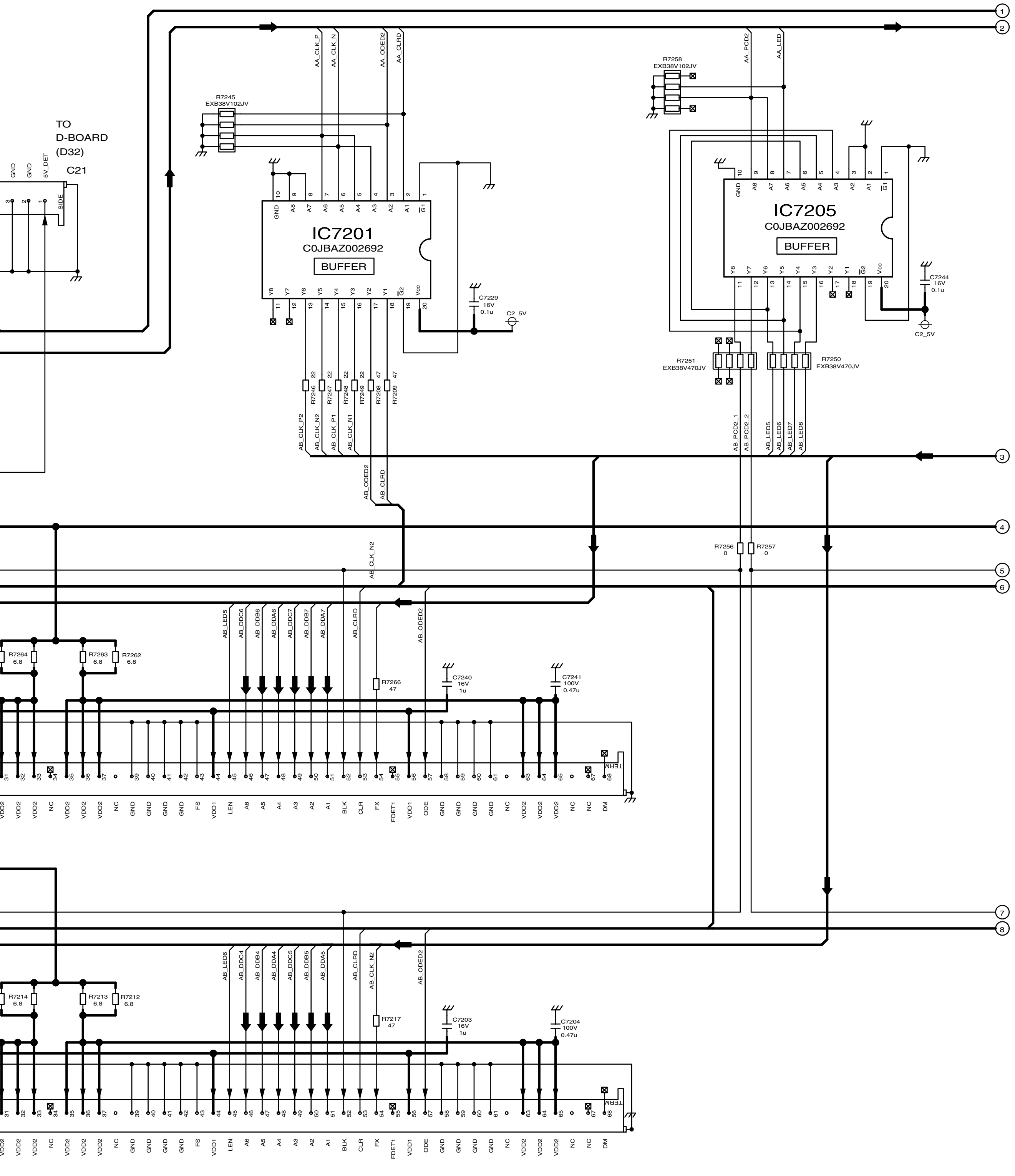
12	13	14	15

14.59. C2-Board (1 of 2) Schematic Diagram (37inch)



C2-BOARD TXNC21BKTB (1/2)
A
B
C
D
E
1
2
3
4
TO
D-BOARD
(D32)
C21
TERM
SIDE
P5V
GND(DRV_RST)
DOUTDC[6]
DOUTDB[6]
DOUTDA[6]
DOUTDC[7]
DOUTDB[7]
DOUTDA[7]
DOUTDC[4]
DOUTDB[4]
DOUTDA[4]
DOUTDC[5]
DOUTDB[5]
DOUTDA[5]
DOUTDC[2]
DOUTDB[2]
DOUTDA[2]
DOUTDC[3]
DOUTDB[3]
DOUTDA[3]
DOUTDC[0]
DOUTDB[0]
DOUTDA[0]
DOUTDC[1]
DOUTDB[1]
DOUTDA[1]
GND
ODED2
CLRD
PCD2
LED
CLK[1](-)
CLK[0](+)
DRV_SOS8
NUEL
UMH
UML
USH
USL
UEH
5V_DET
AA_DDC6
AA_DDB6
AA_DDA6
AA_DDC7
AA_DDB7
AA_DDA7
AA_DDC4
AA_DDB4
AA_DDA4
AA_DDC5
AA_DDB5
AA_DDA5
AA_DDC2
AA_DDB2
AA_DDA2
AA_DDC3
AA_DDB3
AA_DDA3
AA_DDC0
AA_DDB0
AA_DDA0
AA_DDC1
AA_DDB1
AA_DDA1
AA_ODED2
AA_CLRD
AA_PCD2
AA_LED
AA_CLK_N
AA_CLK_P
BA_SOS8_SS
BA_NUEL
BA_UMH
BA_UML
BA_USH
BA_USL
BA_UEH
FL7201
J0HABH000013
C2_5V
R7270
22k
R7271
100k
C22
TO
C1-BOARD
(C12)
GND
NC
Vda 75V
C7236
50V
100p
AB_LED5
AB_DDC6
AB_DDB6
AB_DDA6
AB_DDC7
AB_DDB7
AB_DDA7
AB_CLRD
AB_CLK_P2
AB_ODED2
R7265
6.8
R7264
6.8
R7263
6.8
R7260
47
C7238
100V
0.47u
C7235
16V
1u
DM
NC
VDD2
FS
VDD1
LEN
A6
A5
A4
A3
A2
A1
BLK
CLR
FX
FDET
ODE
CB5
TO
PANEL DATA
DRIVER
C7210
50V
100p
AB_LED6
AB_DDC4
AB_DDB4
AB_DDA4
AB_DDC5
AB_DDB5
AB_DDA5
R7215
6.8
R7214
6.8
R7213
6.8
R7210
47
C7201
100V
0.47u
C7209
16V
1u
CB6
TO
PANEL DATA
DRIVER

TH-37PV600E, TH-37PX600B
C2-Board (1 of 2) Schematic Diagram

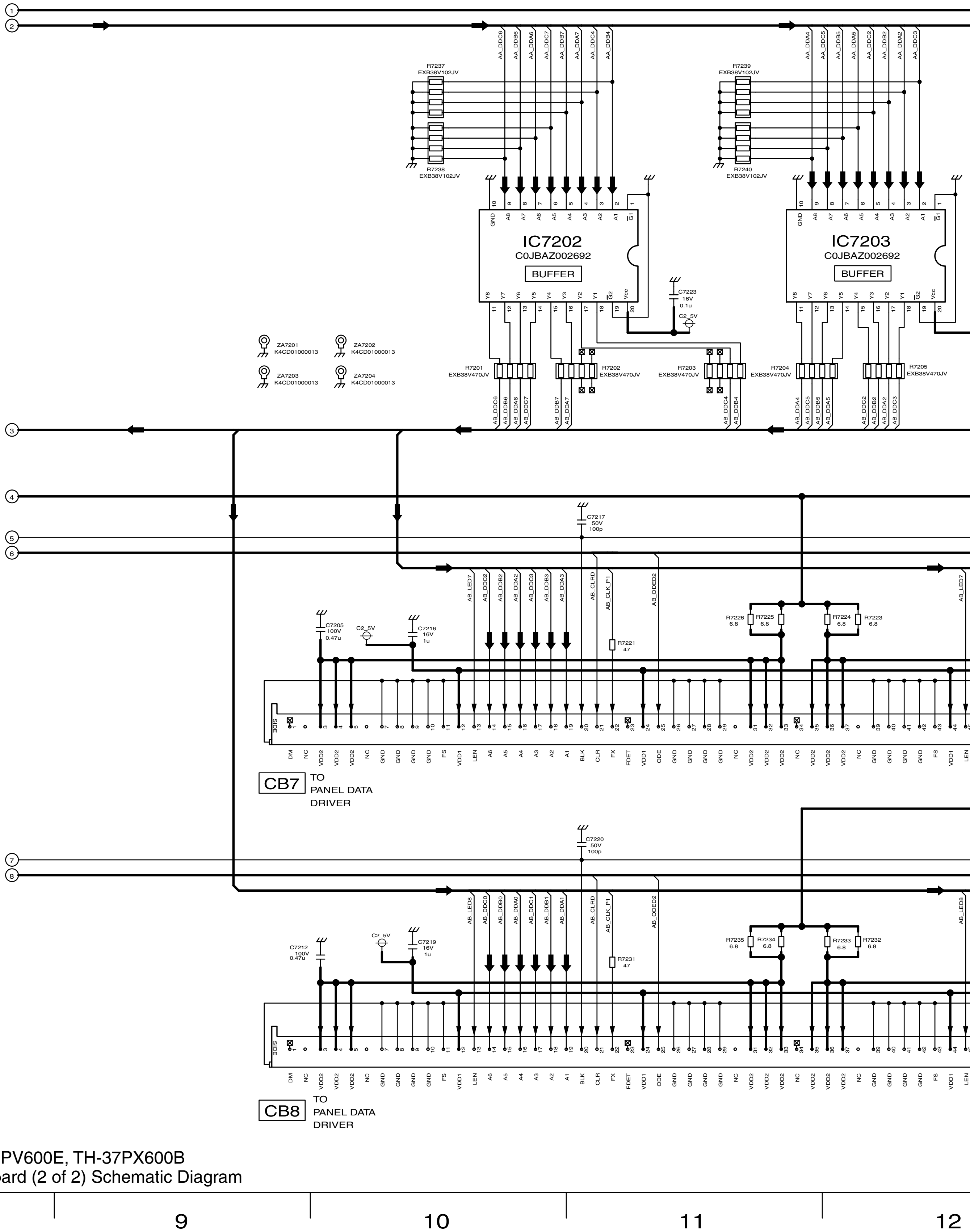


TO
D-BOARD
(D32)
C21
GND
GND
5V_DET
SIDE
R7245
EXB38V102JV
AA_CLK_P
AA_CLK_N
AA_ODED2
AA_CLRD
IC7201
C0JBAZ002692
BUFFER
GND
A8
A7
A6
A5
A4
A3
A2
A1
G1
Y8
Y7
Y6
Y5
Y4
Y3
Y2
Y1
G2
Vcc
C7229
16V
0.1u
C2_5V
R7246 22
R7247 22
R7248 22
R7249 22
R7208 47
R7209 47
AB_CLK_P2
AB_CLK_N2
AB_CLK_P1
AB_CLK_N1
AB_ODED2
AB_CLRD
R7258
EXB38V102JV
AA_PCD2
AA_LED
IC7205
C0JBAZ002692
BUFFER
C7244
16V
0.1u
C2_5V
R7251
EXB38V470JV
R7250
EXB38V470JV
AB_PCD2_1
AB_PCD2_2
AB_LED5
AB_LED6
AB_LED7
AB_LED8
R7256
0
R7257
0
AB_CLK_N2
AB_LED5
AB_DDC6
AB_DDB6
AB_DDA6
AB_DDC7
AB_DDB7
AB_DDA7
AB_CLRD
AB_ODED2
R7264 6.8
R7263 6.8
R7262 6.8
R7266 47
C7240
16V
1u
C7241
100V
0.47u
TERM
VDD2
VDD2
VDD2
NC
VDD2
VDD2
VDD2
NC
GND
GND
GND
GND
FS
VDD1
LEN
A6
A5
A4
A3
A2
A1
BLK
CLR
FX
FDET1
VDD1
ODE
GND
GND
GND
GND
NC
VDD2
VDD2
VDD2
NC
NC
DM
AB_LED6
AB_DDC4
AB_DDB4
AB_DDA4
AB_DDC5
AB_DDB5
AB_DDA5
AB_CLRD
AB_CLK_N2
AB_ODED2
R7214 6.8
R7213 6.8
R7212 6.8
R7217 47
C7203
16V
1u
C7204
100V
0.47u
TERM
①
②
③
④
⑤
⑥
⑦
⑧

TH-37PV600E, TH-37PX600B
C2-Board (1 of 2) Schematic Diagram

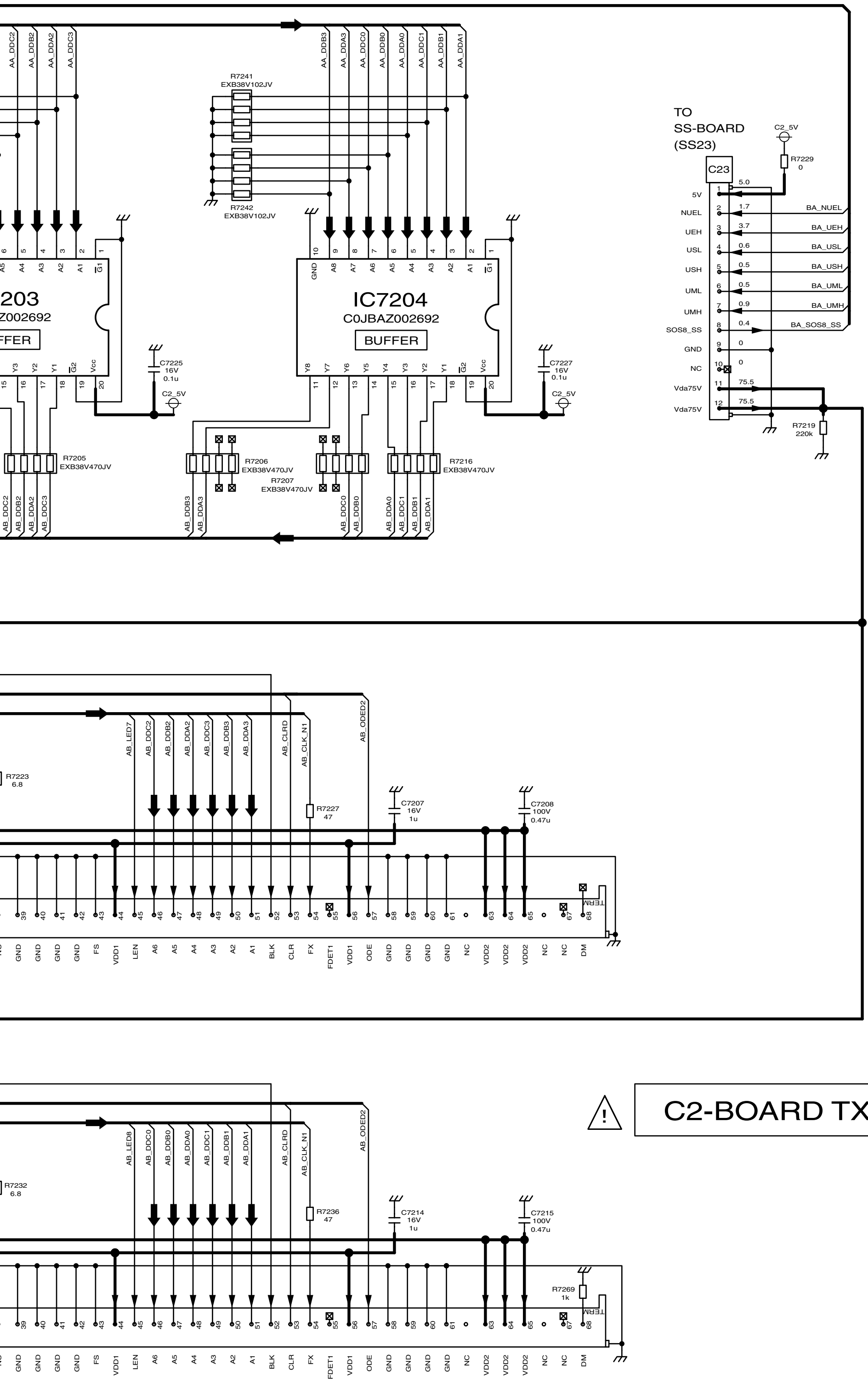
4 5 6 7 8

14.60. C2-Board (2 of 2) Schematic Diagram (37inch)



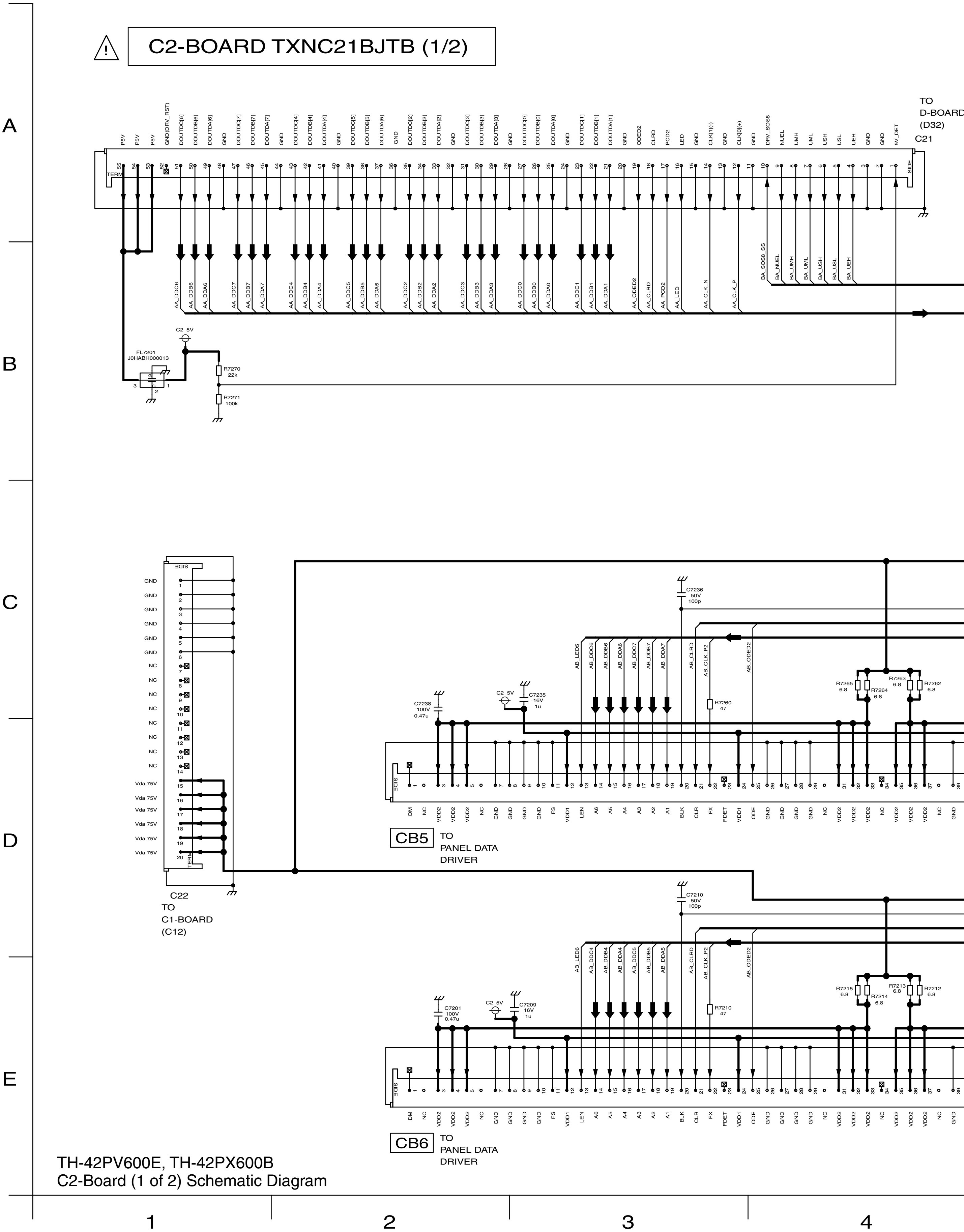
①
②
③
④
⑤
⑥
⑦
⑧
AA_DDC6
AA_DDB6
AA_DDA6
AA_DDC7
AA_DDB7
AA_DDA7
AA_DDC4
AA_DDB4
R7237
EXB38V102JV
R7238
EXB38V102JV
R7239
EXB38V102JV
R7240
EXB38V102JV
AA_DDA4
AA_DDC5
AA_DDB5
AA_DDA5
AA_DDC2
AA_DDB2
AA_DDA2
AA_DDC3
IC7202
C0JBAZ002692
BUFFER
IC7203
C0JBAZ002692
BUFFER
GND
A8
A7
A6
A5
A4
A3
A2
A1
G1
Y8
Y7
Y6
Y5
Y4
Y3
Y2
Y1
G2
Vcc
C7223
16V
0.1u
C2_5V
ZA7201
K4CD01000013
ZA7202
K4CD01000013
ZA7203
K4CD01000013
ZA7204
K4CD01000013
R7201
EXB38V470JV
R7202
EXB38V470JV
R7203
EXB38V470JV
R7204
EXB38V470JV
R7205
EXB38V470JV
AB_DDC6
AB_DDB6
AB_DDA6
AB_DDC7
AB_DDB7
AB_DDA7
AB_DDC4
AB_DDB4
AB_DDA4
AB_DDC5
AB_DDB5
AB_DDA5
AB_DDC2
AB_DDB2
AB_DDA2
AB_DDC3
C7217
50V
100p
AB_LED7
AB_DDC2
AB_DDB2
AB_DDA2
AB_DDC3
AB_DDB3
AB_DDA3
AB_CLRD
AB_CLK_P1
AB_ODED2
R7226
6.8
R7225
6.8
R7224
6.8
R7223
6.8
C7205
100V
0.47u
C2_5V
C7216
16V
1u
R7221
47
SIDE
DM
NC
VDD2
VDD2
VDD2
NC
GND
GND
GND
GND
FS
VDD1
LEN
A6
A5
A4
A3
A2
A1
BLK
CLR
FX
FDET
VDD1
ODE
GND
GND
GND
GND
NC
VDD2
VDD2
VDD2
NC
VDD2
VDD2
VDD2
NC
GND
GND
GND
GND
FS
VDD1
LEN
CB7
TO
PANEL DATA
DRIVER
C7220
50V
100p
AB_LED8
AB_DDC0
AB_DDB0
AB_DDA0
AB_DDC1
AB_DDB1
AB_DDA1
AB_CLRD
AB_CLK_P1
AB_ODED2
R7235
6.8
R7234
6.8
R7233
6.8
R7232
6.8
C7212
100V
0.47u
C2_5V
C7219
16V
1u
R7231
47
CB8
TO
PANEL DATA
DRIVER
8
9
10
11
12

TH-37PV600E, TH-37PX600B
C2-Board (2 of 2) Schematic Diagram


IC7204
C0JBAZ002692
BUFFER
203
Z002692
FFER
R7241
EXB38V102JV
R7242
EXB38V102JV
R7205
EXB38V470JV
R7206
EXB38V470JV
R7207
EXB38V470JV
R7216
EXB38V470JV
C7225
16V
0.1u
C7227
16V
0.1u
C2_5V
TO
SS-BOARD
(SS23)
C23
R7229
0
R7219
220k
5V
NUEL
UEH
USL
USH
UML
UMH
SOS8_SS
GND
NC
Vda75V
Vda75V
5.0
1.7
3.7
0.6
0.5
0.5
0.9
0.4
0
0
75.5
75.5
BA_NUEL
BA_UEH
BA_USL
BA_USH
BA_UML
BA_UMH
BA_SOS8_SS
AA_DDC2
AA_DDB2
AA_DDA2
AA_DDC3
AA_DDB3
AA_DDA3
AA_DDC0
AA_DDB0
AA_DDA0
AA_DDC1
AA_DDB1
AA_DDA1
AB_DDC2
AB_DDB2
AB_DDA2
AB_DDC3
AB_DDB3
AB_DDA3
AB_DDC0
AB_DDB0
AB_DDA0
AB_DDC1
AB_DDB1
AB_DDA1
AB_LED7
AB_LED8
AB_CLRD
AB_CLK_N1
AB_ODED2
R7223
6.8
R7227
47
C7207
16V
1u
C7208
100V
0.47u
R7232
6.8
R7236
47
C7214
16V
1u
C7215
100V
0.47u
R7269
1k
TERM
GND
FS
VDD1
LEN
A6
A5
A4
A3
A2
A1
BLK
CLR
FX
FDET1
ODE
NC
VDD2
DM

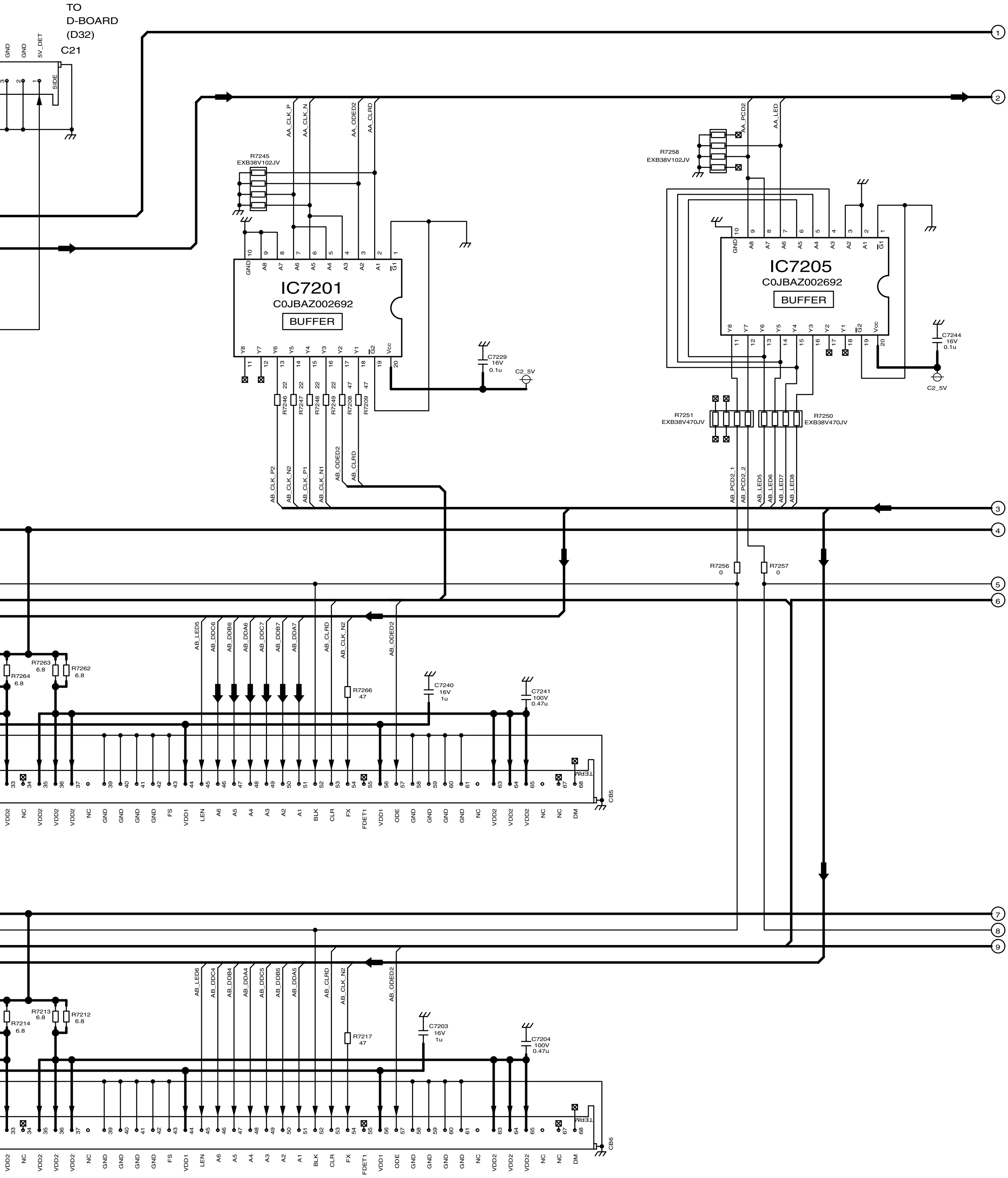
C2-BOARD TXNC21BKTB (2/2)

14.61. C2-Board (1 of 2) Schematic Diagram (42inch)



C2-BOARD TXNC21BJTB (1/2)
TO
D-BOARD
(D32)
C21
P5V
P5V
P5V
GND(DRV_RST)
DOUTDC[6]
DOUTDB[6]
DOUTDA[6]
GND
DOUTDC[7]
DOUTDB[7]
DOUTDA[7]
GND
DOUTDC[4]
DOUTDB[4]
DOUTDA[4]
GND
DOUTDC[5]
DOUTDB[5]
DOUTDA[5]
GND
DOUTDC[2]
DOUTDB[2]
DOUTDA[2]
GND
DOUTDC[3]
DOUTDB[3]
DOUTDA[3]
GND
DOUTDC[0]
DOUTDB[0]
DOUTDA[0]
GND
DOUTDC[1]
DOUTDB[1]
DOUTDA[1]
GND
ODED2
CLRD
PCD2
LED
GND
CLK[1](-)
GND
CLK[0](+)
GND
DRV_SOS8
NUEL
UMH
UML
USH
USL
UEH
GND
GND
5V_DET
TERM
SIDE
AA_DDC6
AA_DDB6
AA_DDA6
AA_DDC7
AA_DDB7
AA_DDA7
AA_DDC4
AA_DDB4
AA_DDA4
AA_DDC5
AA_DDB5
AA_DDA5
AA_DDC2
AA_DDB2
AA_DDA2
AA_DDC3
AA_DDB3
AA_DDA3
AA_DDC0
AA_DDB0
AA_DDA0
AA_DDC1
AA_DDB1
AA_DDA1
AA_ODED2
AA_CLRD
AA_PCD2
AA_LED
AA_CLK_N
AA_CLK_P
BA_SOS8_SS
BA_NUEL
BA_UMH
BA_UML
BA_USH
BA_USL
BA_UEH
C2_5V
FL7201
J0HABH000013
R7270
22k
R7271
100k
C22
TO
C1-BOARD
(C12)
GND
NC
Vda 75V
C7236
50V
100p
AB_LED5
AB_DDC6
AB_DDB6
AB_DDA6
AB_DDC7
AB_DDB7
AB_DDA7
AB_CLRD
AB_CLK_P2
AB_ODED2
R7265
6.8
R7264
6.8
R7263
6.8
R7262
6.8
R7260
47
C7238
100V
0.47u
C7235
16V
1u
DM
NC
VDD2
GND
FS
VDD1
LEN
A6
A5
A4
A3
A2
A1
BLK
CLR
FX
FDET
ODE
CB5
TO
PANEL DATA
DRIVER
C7210
50V
100p
AB_LED6
AB_DDC4
AB_DDB4
AB_DDA4
AB_DDC5
AB_DDB5
AB_DDA5
R7215
6.8
R7214
6.8
R7213
6.8
R7212
6.8
R7210
47
C7201
100V
0.47u
C7209
16V
1u
CB6
TO
PANEL DATA
DRIVER
A
B
C
D
E
1
2
3
4

TH-42PV600E, TH-42PX600B
C2-Board (1 of 2) Schematic Diagram

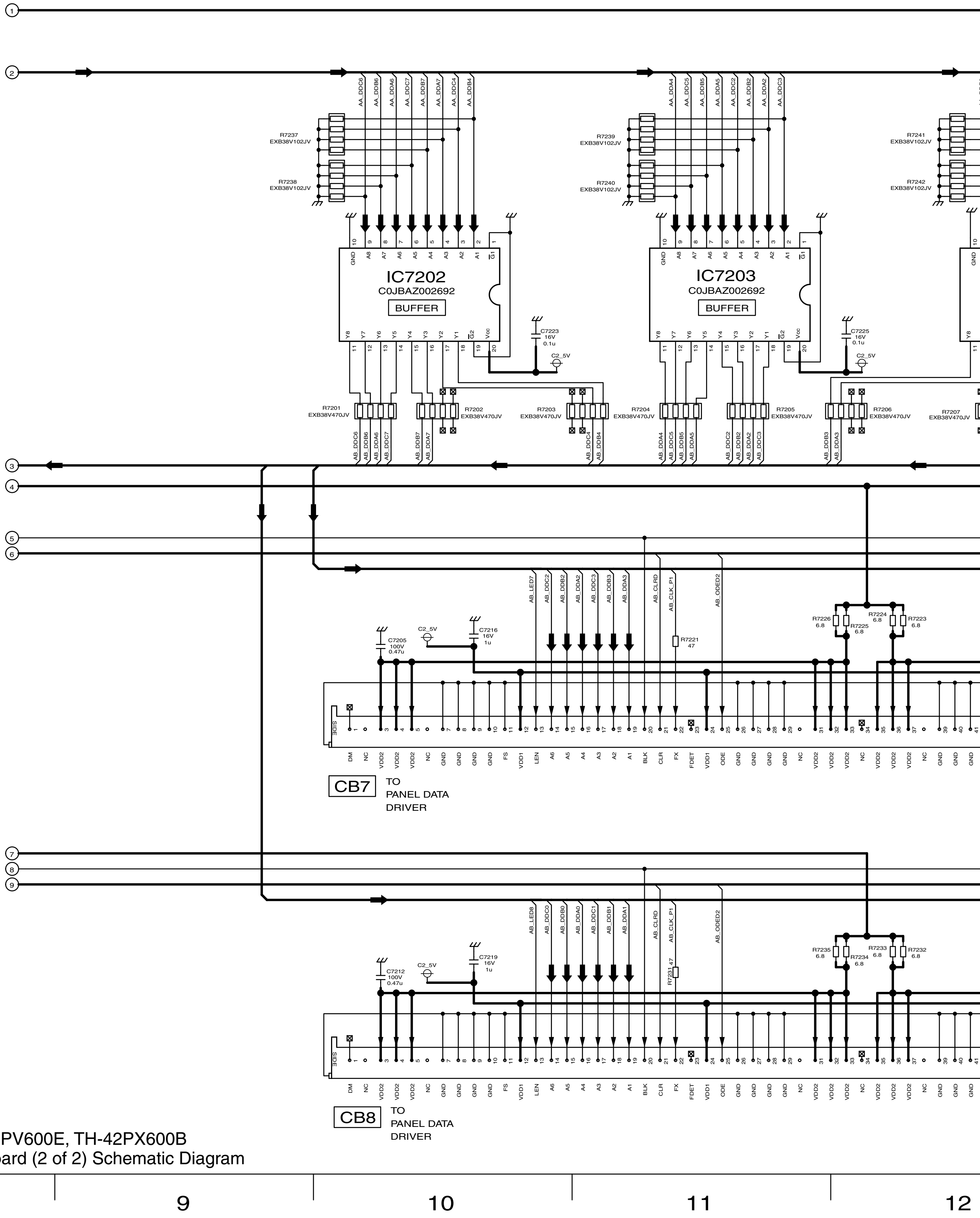

TO
D-BOARD
(D32)
C21
GND
GND
5V_DET
SIDE
R7245
EXB38V102JV
AA_CLK_P
AA_CLK_N
AA_ODED2
AA_CLRD
IC7201
C0JBAZ002692
BUFFER
GND
A8
A7
A6
A5
A4
A3
A2
A1
G1
Y8
Y7
Y6
Y5
Y4
Y3
Y2
Y1
G2
Vcc
C7229
16V
0.1u
C2_5V
R7246
R7247
R7248
R7249
R7208
R7209
22
47
AB_CLK_P2
AB_CLK_N2
AB_CLK_P1
AB_CLK_N1
AB_ODED2
AB_CLRD
R7258
EXB38V102JV
AA_PCD2
AA_LED
IC7205
C0JBAZ002692
BUFFER
C7244
16V
0.1u
C2_5V
R7251
EXB38V470JV
R7250
EXB38V470JV
AB_PCD2_1
AB_PCD2_2
AB_LED5
AB_LED6
AB_LED7
AB_LED8
R7256
0
R7257
0
①
②
③
④
⑤
⑥
⑦
⑧
⑨
AB_LED5
AB_DDC6
AB_DDB6
AB_DDA6
AB_DDC7
AB_DDB7
AB_DDA7
AB_CLRD
AB_CLK_N2
AB_ODED2
R7263
6.8
R7262
6.8
R7264
6.8
R7266
47
C7240
16V
1u
C7241
100V
0.47u
TERM
CB5
VDD2
NC
VDD2
VDD2
VDD2
NC
GND
GND
GND
GND
FS
VDD1
LEN
A6
A5
A4
A3
A2
A1
BLK
CLR
FX
FDET1
VDD1
ODE
GND
GND
GND
GND
NC
VDD2
VDD2
VDD2
NC
NC
DM
AB_LED6
AB_DDC4
AB_DDB4
AB_DDA4
AB_DDC5
AB_DDB5
AB_DDA5
AB_CLRD
AB_CLK_N2
AB_ODED2
R7213
6.8
R7212
6.8
R7214
6.8
R7217
47
C7203
16V
1u
C7204
100V
0.47u
TERM
CB6

TH-42PV600E, TH-42PX600B
C2-Board (1 of 2) Schematic Diagram

4 5 6 7 8

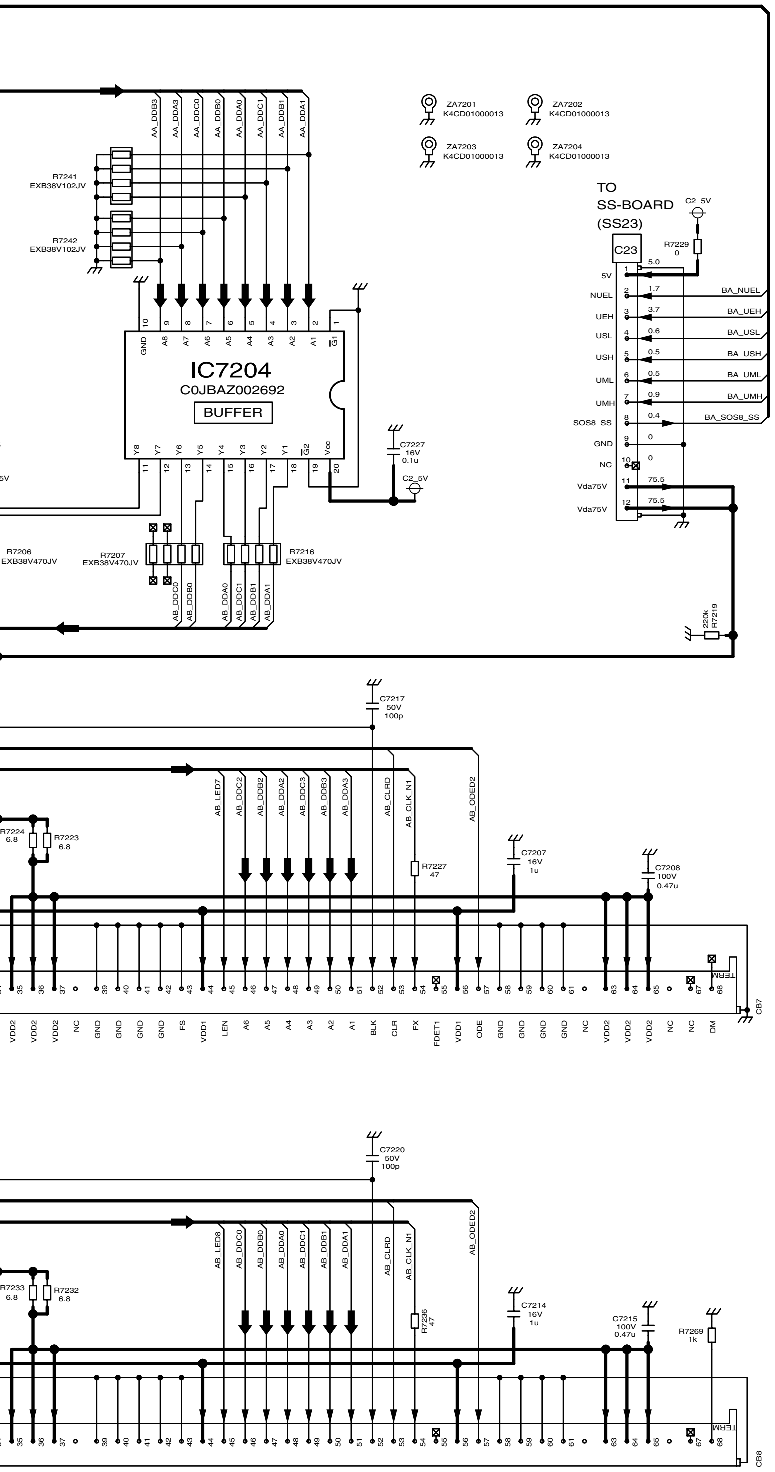
14.62. C2-Board (2 of 2) Schematic Diagram (42inch)

⚠ C2-BOARD TXNC21BJTB (2/2)



IC7202
C0JBAZ002692
BUFFER
IC7203
C0JBAZ002692
BUFFER
R7237 EXB38V102JV
R7238 EXB38V102JV
R7239 EXB38V102JV
R7240 EXB38V102JV
R7241 EXB38V102JV
R7242 EXB38V102JV
R7201 EXB38V470JV
R7202 EXB38V470JV
R7203 EXB38V470JV
R7204 EXB38V470JV
R7205 EXB38V470JV
R7206 EXB38V470JV
R7207 EXB38V470JV
C7223 16V 0.1u
C7225 16V 0.1u
C2_5V
C7205 100V 0.47u
C7216 16V 1u
C7212 100V 0.47u
C7219 16V 1u
R7221 47
R7231 47
R7226 6.8
R7225 6.8
R7224 6.8
R7223 6.8
R7235 6.8
R7234 6.8
R7233 6.8
R7232 6.8
AA_DDC6
AA_DDB6
AA_DDA6
AA_DDC7
AA_DDB7
AA_DDA7
AA_DDC4
AA_DDB4
AA_DDA4
AA_DDC5
AA_DDB5
AA_DDA5
AA_DDC2
AA_DDB2
AA_DDA2
AA_DDC3
AB_DDC6
AB_DDB6
AB_DDA6
AB_DDC7
AB_DDB7
AB_DDA7
AB_DDC4
AB_DDB4
AB_DDA4
AB_DDC5
AB_DDB5
AB_DDA5
AB_DDC2
AB_DDB2
AB_DDA2
AB_DDC3
AB_DDB3
AB_DDA3
AB_LED7
AB_CLRD
AB_CLK_P1
AB_ODED2
AB_LED8
AB_DDC0
AB_DDB0
AB_DDA0
AB_DDC1
AB_DDB1
AB_DDA1
GND A8 A7 A6 A5 A4 A3 A2 A1 G1
Y8 Y7 Y6 Y5 Y4 Y3 Y2 Y1 G2 Vcc
SIDE
DM NC VDD2 VDD2 VDD2 NC GND GND GND GND FS VDD1 LEN A6 A5 A4 A3 A2 A1 BLK CLR FX FDET VDD1 ODE GND GND GND GND NC VDD2 VDD2 VDD2 NC VDD2 VDD2 VDD2 NC GND GND GND
CB7
TO PANEL DATA DRIVER
CB8
TO PANEL DATA DRIVER
1
2
3
4
5
6
7
8
9
8
9
10
11
12

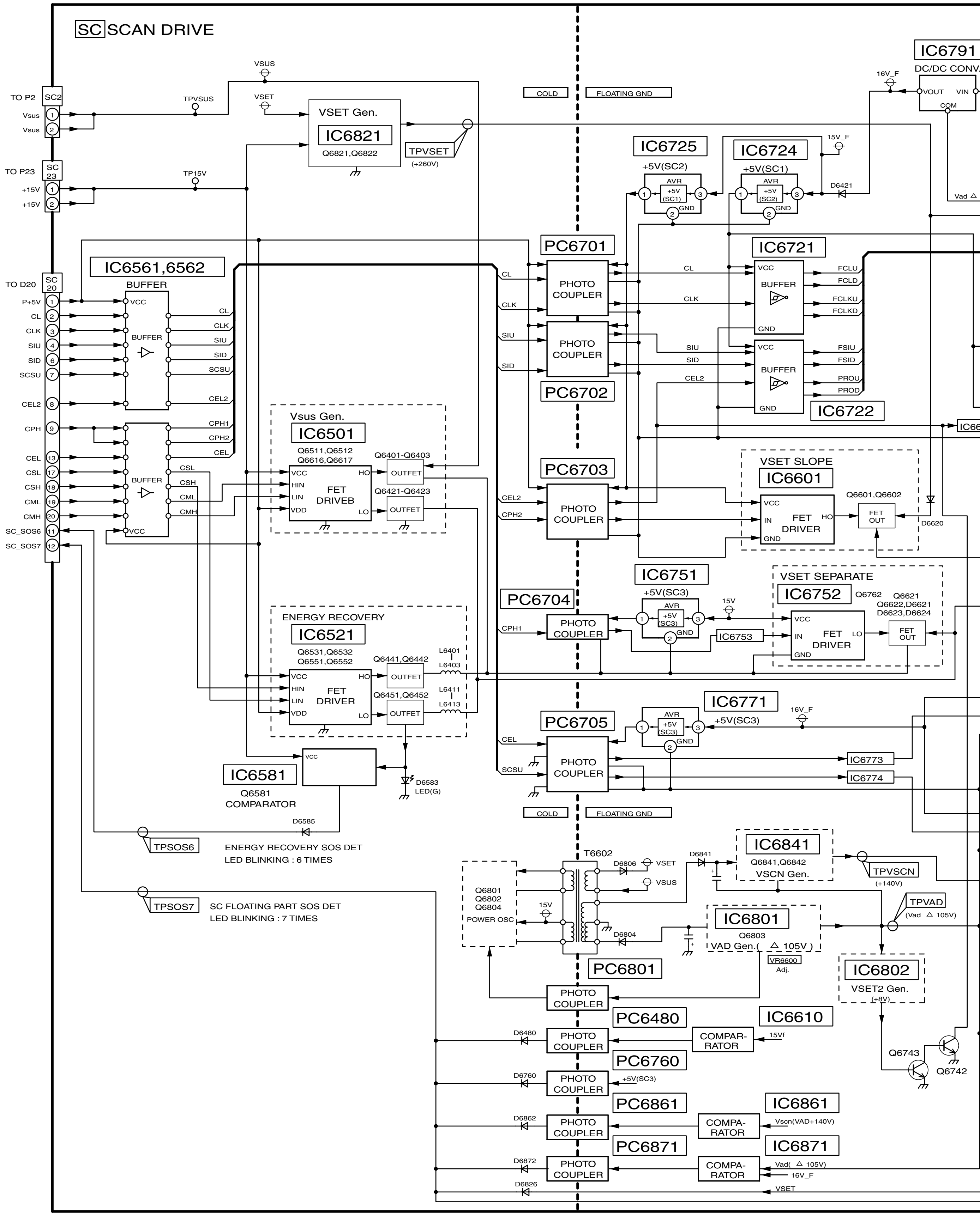
TH-42PV600E, TH-42PX600B
C2-Board (2 of 2) Schematic Diagram

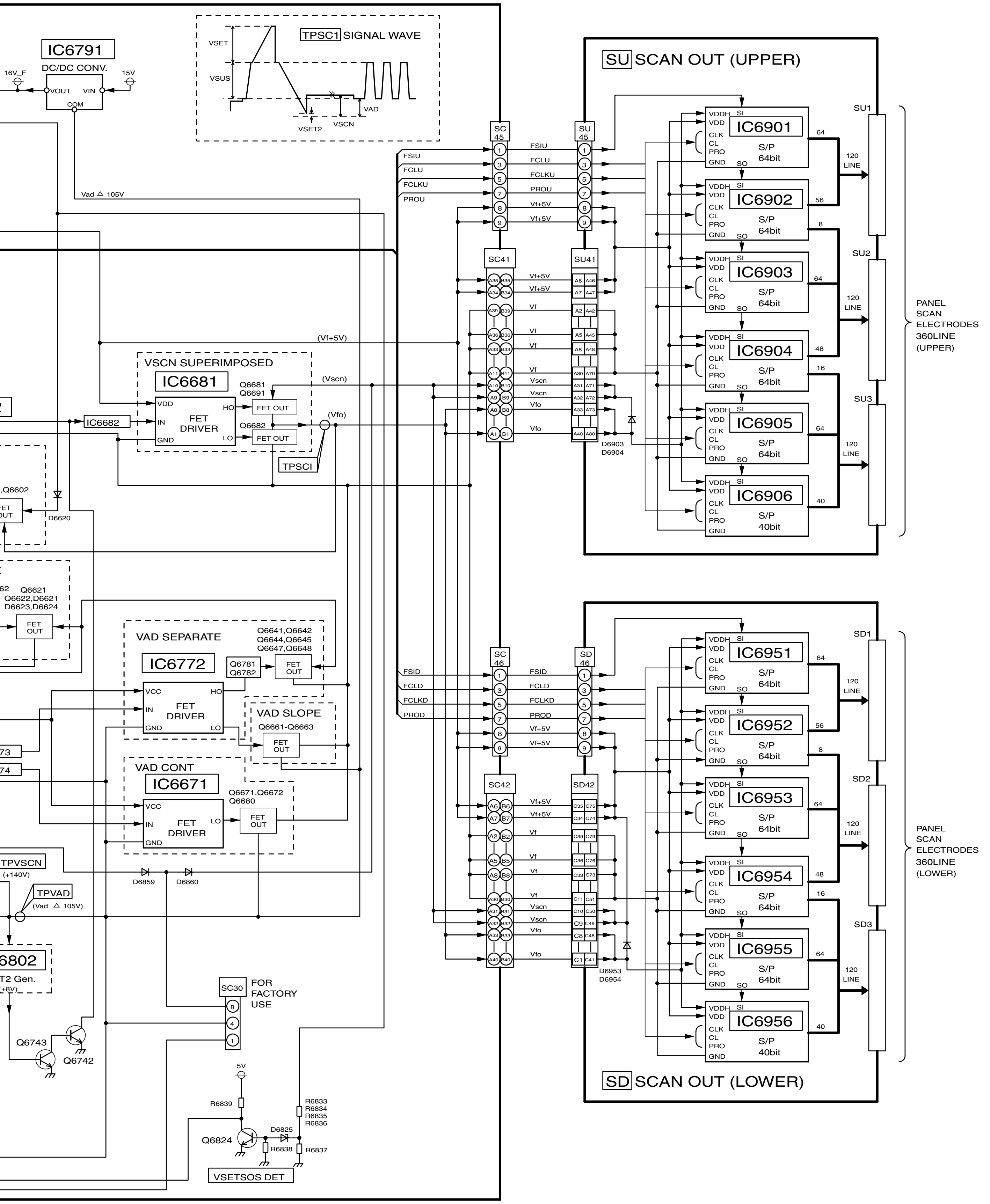


IC7204
C0JBAZ002692
BUFFER
GND
A8
A7
A6
A5
A4
A3
A2
A1
G1
Y8
Y7
Y6
Y5
Y4
Y3
Y2
Y1
G2
Vcc
AA_DDB3
AA_DDA3
AA_DDC0
AA_DDB0
AA_DDA0
AA_DDC1
AA_DDB1
AA_DDA1
R7241
EXB38V102JV
R7242
EXB38V102JV
R7206
EXB38V470JV
R7207
EXB38V470JV
R7216
EXB38V470JV
AB_DDC0
AB_DDB0
AB_DDA0
AB_DDC1
AB_DDB1
AB_DDA1
C7227
16V
0.1u
C2_5V
ZA7201
K4CD01000013
ZA7202
K4CD01000013
ZA7203
K4CD01000013
ZA7204
K4CD01000013
TO
SS-BOARD
(SS23)
C23
R7229
0
5V
NUEL
UEH
USL
USH
UML
UMH
SOS8_SS
GND
NC
Vda75V
Vda75V
5.0
1.7
3.7
0.6
0.5
0.5
0.9
0.4
0
0
75.5
75.5
BA_NUEL
BA_UEH
BA_USL
BA_USH
BA_UML
BA_UMH
BA_SOS8_SS
220k
R7219
C7217
50V
100p
R7224
6.8
R7223
6.8
AB_LED7
AB_DDC2
AB_DDB2
AB_DDA2
AB_DDC3
AB_DDB3
AB_DDA3
AB_CLRD
AB_CLK_N1
AB_ODED2
R7227
47
C7207
16V
1u
C7208
100V
0.47u
TERM
CB7
VDD2
VDD2
VDD2
NC
GND
GND
GND
GND
FS
VDD1
LEN
A6
A5
A4
A3
A2
A1
BLK
CLR
FX
FDET1
VDD1
ODE
GND
GND
GND
GND
NC
VDD2
VDD2
VDD2
NC
NC
DM
C7220
50V
100p
R7233
6.8
R7232
6.8
AB_LED8
AB_DDC0
AB_DDB0
AB_DDA0
AB_DDC1
AB_DDB1
AB_DDA1
AB_CLRD
AB_CLK_N1
AB_ODED2
R7236
47
C7214
16V
1u
C7215
100V
0.47u
R7269
1k
TERM
CB8

TH-42PV600E, TH-42PX600B
C2-Board (2 of 2) Schematic Diagram

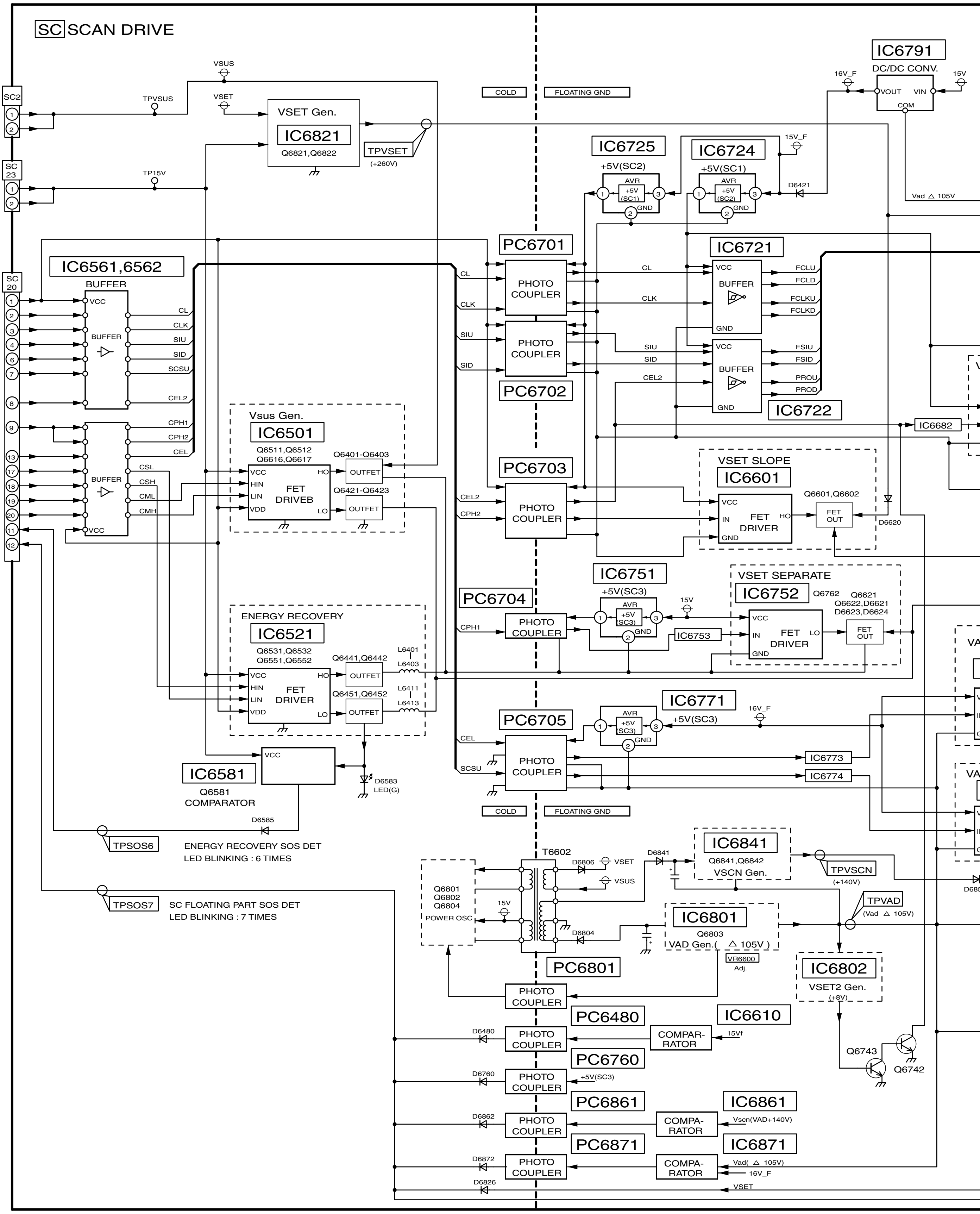
14.63. SC, SU and SD-Board Block Diagram (37inch)


SC SCAN DRIVE
TO P2
SC2
Vsus
Vsus
TPVSUS
VSUS
VSET
VSET Gen.
IC6821
Q6821,Q6822
TPVSET
(+260V)
TO P23
SC 23
+15V
+15V
TP15V
COLD
FLOATING GND
IC6791
DC/DC CONV.
16V_F
VOUT
VIN
COM
IC6725
+5V(SC2)
IC6724
+5V(SC1)
AVR
+5V
(SC1)
(SC2)
GND
15V_F
D6421
Vad
TO D20
SC 20
P+5V
CL
CLK
SIU
SID
SCSU
CEL2
CPH
CEL
CSL
CSH
CML
CMH
SC_SOS6
SC_SOS7
IC6561,6562
BUFFER
VCC
CPH1
CPH2
PC6701
PHOTO COUPLER
PC6702
IC6721
IC6722
FCLU
FCLD
FCLKU
FCLKD
FSIU
FSID
PROU
PROD
Vsus Gen.
IC6501
Q6511,Q6512
Q6616,Q6617
Q6401-Q6403
Q6421-Q6423
OUTFET
FET DRIVEB
HO
LO
HIN
LIN
VDD
PC6703
VSET SLOPE
IC6601
Q6601,Q6602
FET DRIVER
FET OUT
IN
D6620
IC6751
+5V(SC3)
PC6704
VSET SEPARATE
IC6752
Q6762
Q6621
Q6622,D6621
D6623,D6624
15V
IC6753
ENERGY RECOVERY
IC6521
Q6531,Q6532
Q6551,Q6552
Q6441,Q6442
Q6451,Q6452
L6401
L6403
L6411
L6413
FET DRIVER
IC6771
16V_F
PC6705
IC6773
IC6774
IC6581
Q6581
COMPARATOR
D6583
LED(G)
D6585
TPSOS6
ENERGY RECOVERY SOS DET
LED BLINKING : 6 TIMES
TPSOS7
SC FLOATING PART SOS DET
LED BLINKING : 7 TIMES
T6602
D6806
D6841
IC6841
Q6841,Q6842
VSCN Gen.
TPVSCN
(+140V)
Q6801
Q6802
Q6804
POWER OSC
D6804
IC6801
Q6803
VAD Gen.(△ 105V)
VR6600
Adj.
TPVAD
(Vad △ 105V)
PC6801
IC6802
VSET2 Gen.
(+8V)
PC6480
IC6610
COMPAR-RATOR
15Vf
D6480
Q6743
Q6742
PC6760
D6760
+5V(SC3)
PC6861
IC6861
COMPA-RATOR
Vscn(VAD+140V)
D6862
PC6871
IC6871
D6872
Vad(△ 105V)
D6826
VSET

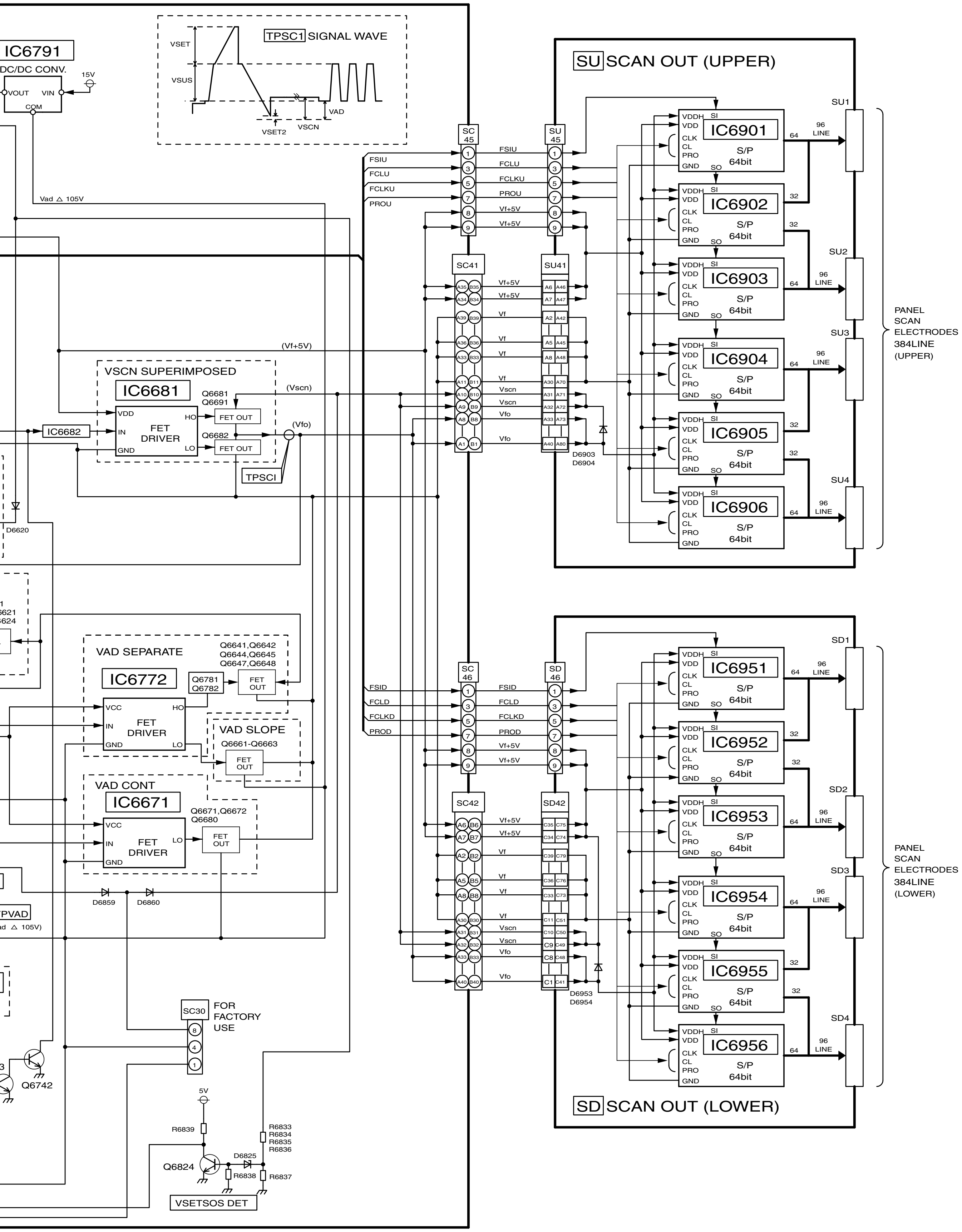

IC6791
DC/DC CONV.
16V_F
15V
VOUT
VIN
COM
Vad △ 105V
TPSC1 SIGNAL WAVE
VSET
VSUS
VSET2
VSCN
VAD
SC 45
SU 45
FSIU
FCLU
FCLKU
PROU
Vf+5V
SC41
SU41
Vf
Vscn
Vfo
(Vf+5V)
VSCN SUPERIMPOSED
IC6681
Q6681
Q6691
Q6682
(Vscn)
(Vfo)
VDD
IN
GND
HO
LO
FET DRIVER
FET OUT
IC6682
TPSCI
,Q6602
D6620
Q6621
Q6622,D6621
D6623,D6624
VAD SEPARATE
IC6772
Q6641,Q6642
Q6644,Q6645
Q6647,Q6648
Q6781
Q6782
VCC
VAD SLOPE
Q6661-Q6663
VAD CONT
IC6671
Q6671,Q6672
Q6680
TPVSCN
(+140V)
TPVAD
(Vad △ 105V)
D6859
D6860
6802
T2 Gen.
Q6743
Q6742
SC30
FOR FACTORY USE
5V
R6839
R6833
R6834
R6835
R6836
D6825
Q6824
R6838
R6837
VSETSOS DET
D6903
D6904
SU SCAN OUT (UPPER)
IC6901
IC6902
IC6903
IC6904
IC6905
IC6906
VDDH
SI
VDD
CLK
CL
PRO
GND
SO
S/P 64bit
S/P 40bit
64
56
8
48
16
40
120 LINE
SU1
SU2
SU3
PANEL SCAN ELECTRODES 360LINE (UPPER)
SC 46
SD 46
FSID
FCLD
FCLKD
PROD
SC42
SD42
D6953
D6954
SD SCAN OUT (LOWER)
IC6951
IC6952
IC6953
IC6954
IC6955
IC6956
SD1
SD2
SD3
PANEL SCAN ELECTRODES 360LINE (LOWER)

TH-37PV600E, TH-37PX600B
SC, SU and SD-Board Block Diagram

14.64. SC, SU and SD-Board Block Diagram (42inch)

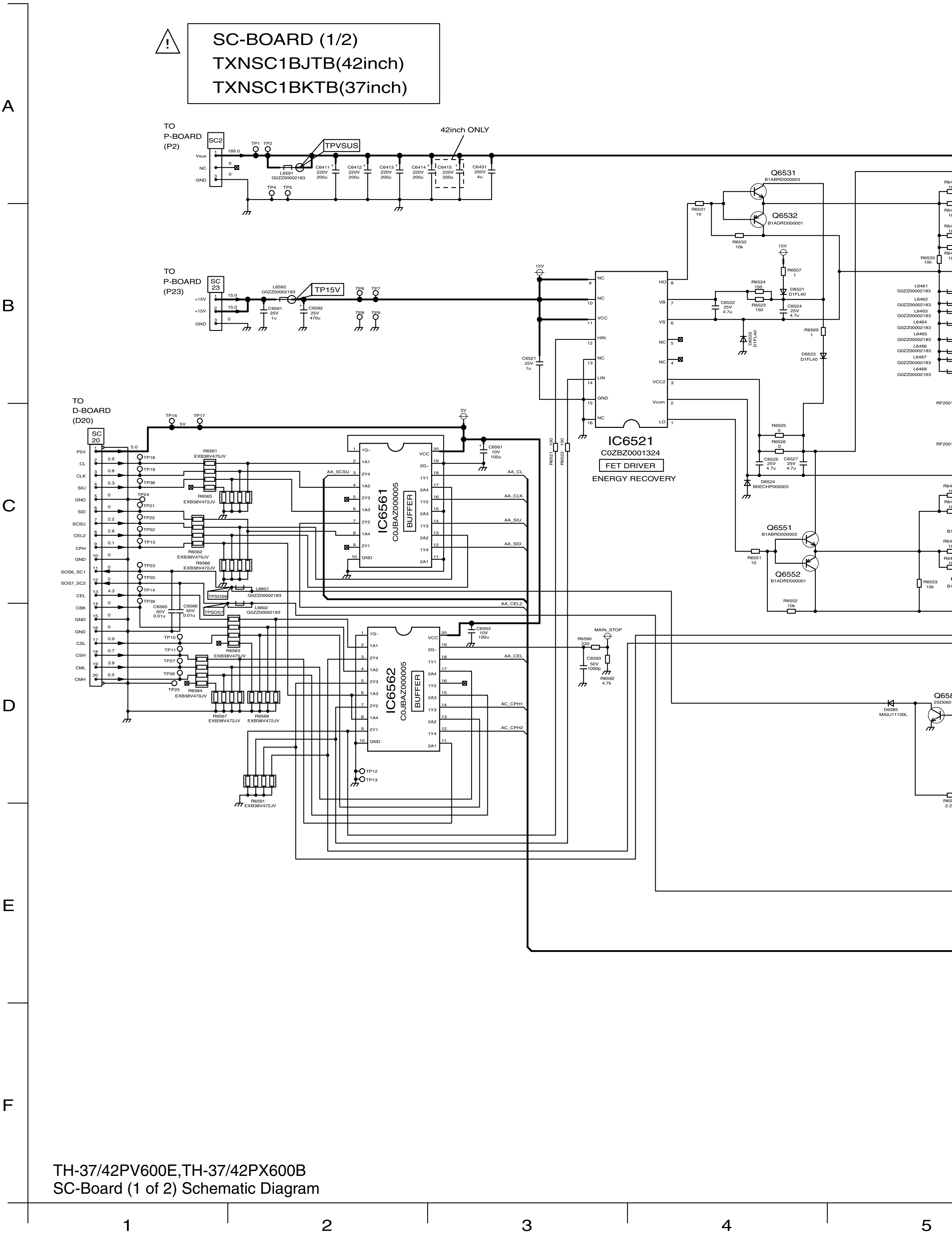

SC SCAN DRIVE
COLD
FLOATING GND
TO P2
SC2
Vsus
TO P23
SC23
+15V
TO D20
SC20
P+5V
CL
CLK
SIU
SID
SCSU
CEL2
CPH
CEL
CSL
CSH
CML
CMH
SC_SOS6
SC_SOS7
VSUS
TPVSUS
VSET
VSET Gen.
IC6821
Q6821,Q6822
TPVSET
(+260V)
TP15V
IC6561,6562
BUFFER
VCC
CPH1
CPH2
Vsus Gen.
IC6501
Q6511,Q6512
Q6616,Q6617
Q6401-Q6403
Q6421-Q6423
FET DRIVEB
OUTFET
HIN
LIN
VDD
HO
LO
ENERGY RECOVERY
IC6521
Q6531,Q6532
Q6551,Q6552
Q6441,Q6442
Q6451,Q6452
FET DRIVER
L6401
L6403
L6411
L6413
IC6581
Q6581
COMPARATOR
D6583
LED(G)
D6585
TPSOS6
ENERGY RECOVERY SOS DET
LED BLINKING : 6 TIMES
TPSOS7
SC FLOATING PART SOS DET
LED BLINKING : 7 TIMES
PC6701
PC6702
PC6703
PC6704
PC6705
PHOTO COUPLER
IC6725
+5V(SC2)
IC6724
+5V(SC1)
AVR
GND
15V_F
D6421
IC6791
DC/DC CONV.
16V_F
15V
VOUT
VIN
COM
Vad △ 105V
IC6721
FCLU
FCLD
FCLKU
FCLKD
FSIU
FSID
PROU
PROD
IC6722
IC6682
VSET SLOPE
IC6601
Q6601,Q6602
FET OUT
IN
D6620
IC6751
+5V(SC3)
VSET SEPARATE
IC6752
Q6762
Q6621
Q6622,D6621
Q6623,D6624
IC6753
IC6771
IC6773
IC6774
T6602
D6806
VSUS
D6841
IC6841
Q6841,Q6842
VSCN Gen.
TPVSCN
(+140V)
Q6801
Q6802
Q6804
POWER OSC
D6804
IC6801
Q6803
VAD Gen.(△ 105V)
VR6600
Adj.
TPVAD
(Vad △ 105V)
PC6801
IC6802
VSET2 Gen.
(+8V)
PC6480
IC6610
COMPAR-RATOR
15Vf
D6480
PC6760
D6760
IC6861
PC6861
D6862
COMPA-RATOR
Vscn(VAD+140V)
PC6871
IC6871
D6872
Vad(△ 105V)
D6826
Q6743
Q6742

TH-42PV600E, TH-42PX600B
SC, SU and SD-Board Block Diagram

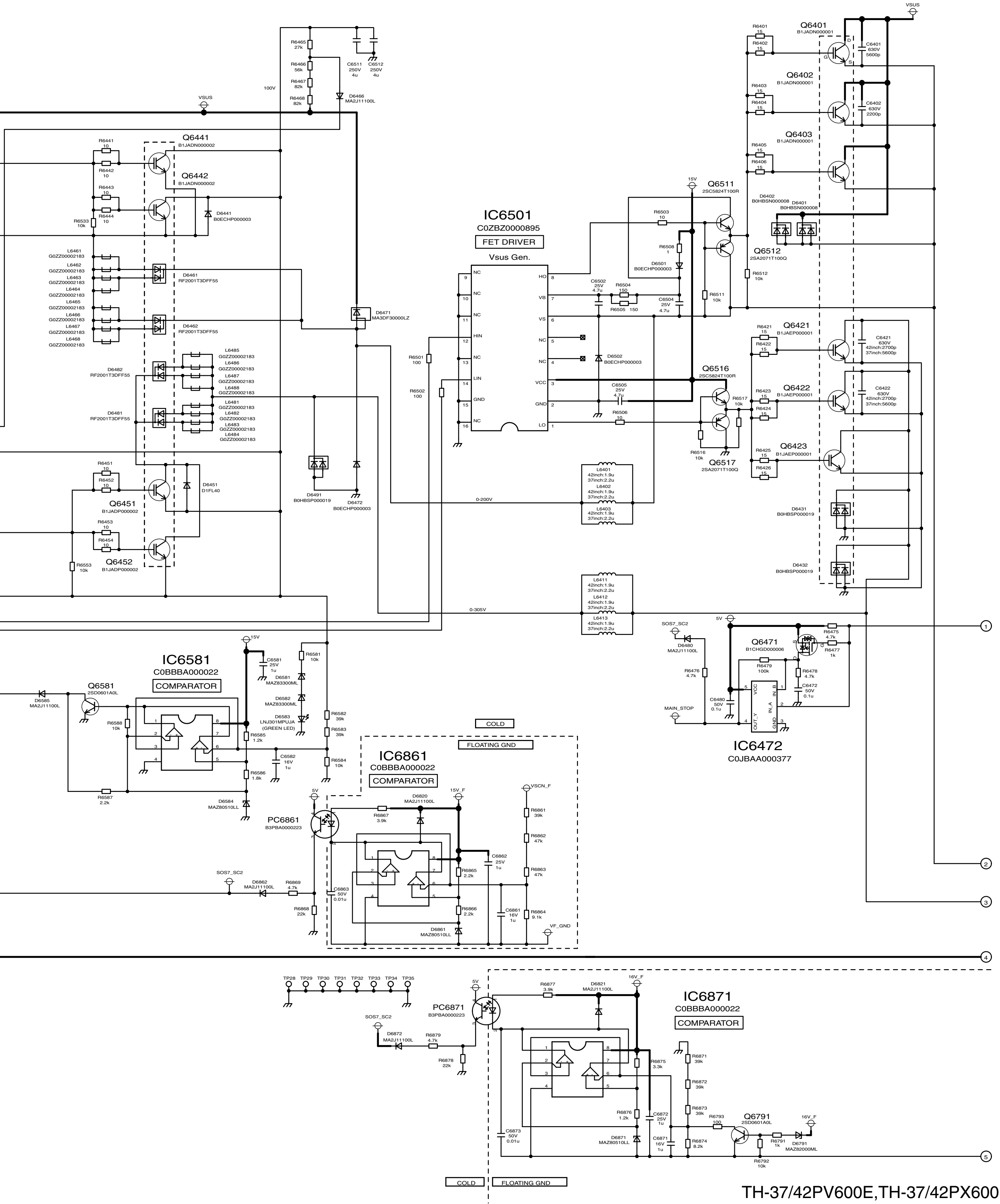

IC6791
DC/DC CONV.
15V
VOUT
VIN
COM
Vad △ 105V
TPSC1 SIGNAL WAVE
VSET
VSUS
VSET2
VSCN
VAD
SC 45
SU 45
FSIU
FCLU
FCLKU
PROU
Vf+5V
SC41
SU41
Vf
Vscn
Vfo
(Vf+5V)
VSCN SUPERIMPOSED
IC6681
Q6681
Q6691
(Vscn)
VDD
HO
FET OUT
IN
FET DRIVER
GND
LO
Q6682
(Vfo)
IC6682
TPSCI
D6620
D6903
D6904
SU SCAN OUT (UPPER)
SU1
SU2
SU3
SU4
VDDH
SI
CLK
CL
PRO
SO
IC6901
IC6902
IC6903
IC6904
IC6905
IC6906
S/P
64bit
64
32
96 LINE
PANEL SCAN ELECTRODES 384LINE (UPPER)
VAD SEPARATE
Q6641,Q6642
Q6644,Q6645
Q6647,Q6648
IC6772
Q6781
Q6782
VCC
VAD SLOPE
Q6661-Q6663
VAD CONT
IC6671
Q6671,Q6672
Q6680
D6859
D6860
PVAD
105V
SC 46
SD 46
FSID
FCLD
FCLKD
PROD
SC42
SD42
D6953
D6954
SD SCAN OUT (LOWER)
SD1
SD2
SD3
SD4
IC6951
IC6952
IC6953
IC6954
IC6955
IC6956
PANEL SCAN ELECTRODES 384LINE (LOWER)
SC30
FOR FACTORY USE
Q6742
5V
R6839
R6833
R6834
R6835
R6836
D6825
Q6824
R6838
R6837
VSETSOS DET

TH-42PV600E, TH-42PX600B
SC, SU and SD-Board Block Diagram

14.65. SC-Board (1 of 2) Schematic Diagram

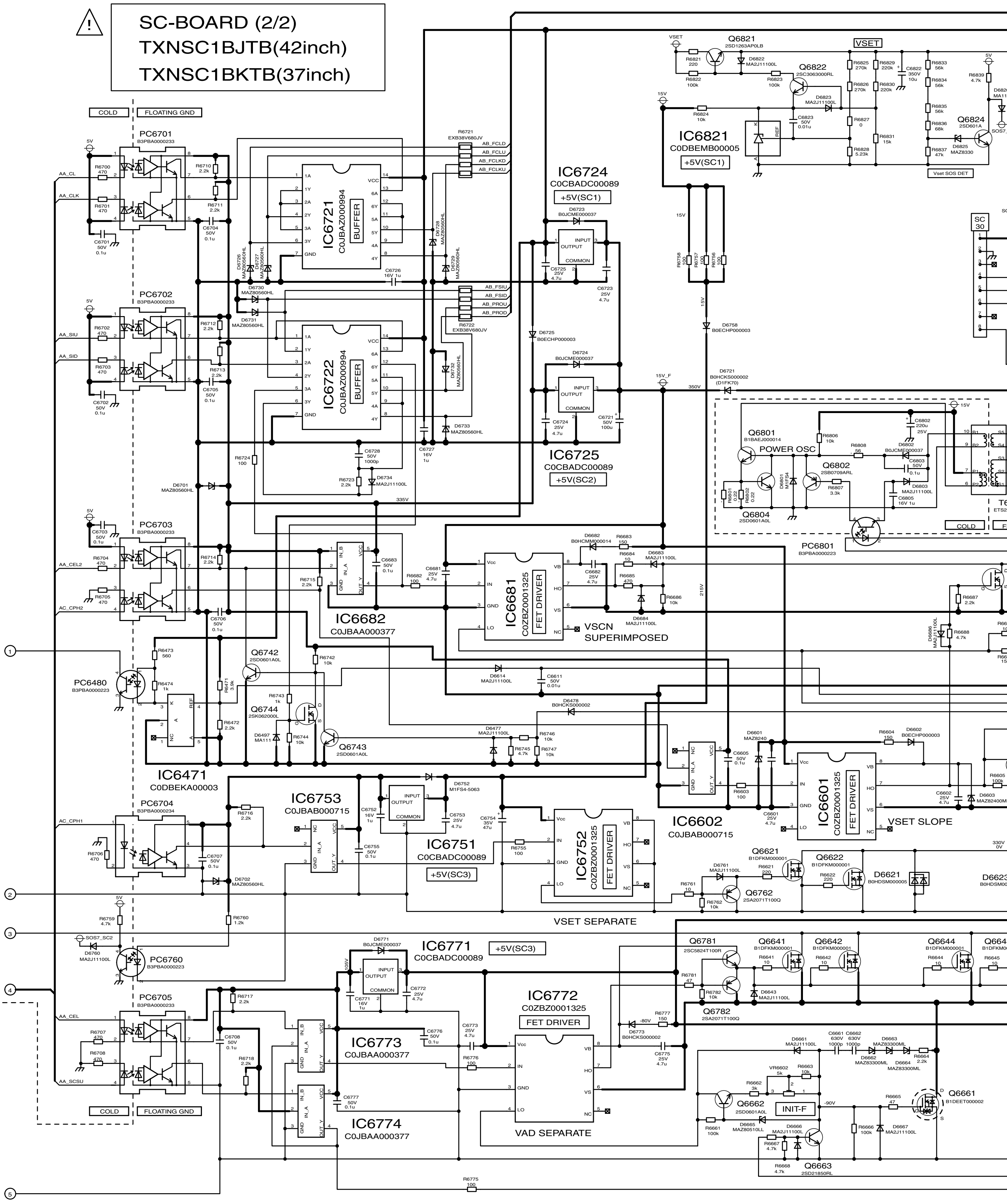

SC-BOARD (1/2)
TXNSC1BJTB(42inch)
TXNSC1BKTB(37inch)
TO P-BOARD (P2)
SC2
Vsus
NC
GND
TPVSUS
42inch ONLY
TP1
TP2
TP4
TP5
L6591 G0ZZ00002183
C6411 220V 200u
C6412 220V 200u
C6413 220V 200u
C6414 220V 200u
C6415 220V 200u
C6431 250V 4u
TO P-BOARD (P23)
SC23
+15V
GND
L6592 G0ZZ00002183
TP15V
C6591 25V 1u
C6592 25V 470u
TP6
TP7
TP8
TP9
TO D-BOARD (D20)
SC20
P5V
CL
CLK
SIU
SID
SCSU
CEL2
CPH
SOS6_SC1
SOS7_SC2
CEL
CBK
CSL
CSH
CML
CMH
TP16
TP17
5V
R6561 EXB38V470JV
R6565 EXB38V472JV
R6562 EXB38V470JV
R6566 EXB38V472JV
R6563 EXB38V470JV
R6564 EXB38V470JV
R6567 EXB38V472JV
R6568 EXB38V472JV
R6591 EXB38V472JV
L6601 G0ZZ00002183
L6602 G0ZZ00002183
TPSOS6
TPSOS7
C6565 50V 0.01u
C6566 50V 0.01u
IC6561
C0JBAZ000005
BUFFER
C6561 10V 100u
IC6562
C0JBAZ000005
BUFFER
C6563 10V 100u
AA_SCSU
AA_CL
AA_CLK
AA_SIU
AA_SID
AA_CEL2
AA_CEL
AC_CPH1
AC_CPH2
TP12
TP13
IC6521
C0ZBZ0001324
FET DRIVER
ENERGY RECOVERY
C6521 25V 1u
R6521 100
R6522 100
Q6531 B1ABRD000003
Q6532 B1ADRD000001
R6531 10
R6532 10k
R6533 10k
R6507 1
R6524 150
R6523 150
D6521 D1FL40
D6522 D1FL40
C6522 25V 4.7u
C6524 25V 4.7u
R6509 1
D6523 D1FL40
R6525 0
R6526 0
C6525 25V 4.7u
C6527 25V 4.7u
D6524 B0ECHP000003
Q6551 B1ABRD000003
Q6552 B1ADRD000001
R6551 10
R6552 10k
R6553 10k
MAIN_STOP
R6590 220
C6593 50V 1000p
R6592 4.7k
D6585 MA2J11100L
L6461 G0ZZ00002183
L6462 G0ZZ00002183
L6463 G0ZZ00002183
L6464 G0ZZ00002183
L6465 G0ZZ00002183
L6466 G0ZZ00002183
L6467 G0ZZ00002183
L6468 G0ZZ00002183
A
B
C
D
E
F
1
2
3
4
5

TH-37/42PV600E,TH-37/42PX600B
SC-Board (1 of 2) Schematic Diagram


VSUS
R6465 27k
R6466 56k
R6467 82k
R6468 82k
C6511 250V 4u
C6512 250V 4u
100V
D6466 MA2J11100L
Q6441 B1JADN000002
Q6442 B1JADN000002
R6441 10
R6442 10
R6443 10
R6444 10
R6533 10k
D6441 B0ECHP000003
L6461 G0ZZ00002183
L6462 G0ZZ00002183
L6463 G0ZZ00002183
L6464 G0ZZ00002183
L6465 G0ZZ00002183
L6466 G0ZZ00002183
L6467 G0ZZ00002183
L6468 G0ZZ00002183
D6461 RF2001T3DFF55
D6462 RF2001T3DFF55
D6482 RF2001T3DFF55
D6481 RF2001T3DFF55
L6485 G0ZZ00002183
L6486 G0ZZ00002183
L6487 G0ZZ00002183
L6488 G0ZZ00002183
L6481 G0ZZ00002183
L6482 G0ZZ00002183
L6483 G0ZZ00002183
L6484 G0ZZ00002183
D6471 MA3DF30000LZ
D6491 B0HBSP000019
D6472 B0ECHP000003
R6451 10
R6452 10
R6453 10
R6454 10
R6553 10k
D6451 D1FL40
Q6451 B1JADP000002
Q6452 B1JADP000002
IC6501
C0ZBZ0000895
FET DRIVER
Vsus Gen.
NC HIN NC LIN GND NC HO VB VS NC NC VCC GND LO
R6501 100
R6502 100
C6502 25V 4.7u
R6504 150
R6505 150
C6504 25V 4.7u
D6502 B0ECHP000003
C6505 25V 4.7u
R6506 10
R6503 10
R6508 1
D6501 B0ECHP000003
R6511 10k
15V
Q6511 2SC5824T100R
Q6512 2SA2071T100Q
Q6516 2SC5824T100R
Q6517 2SA2071T100Q
R6516 10k
R6517 10k
L6401 42inch:1.9u 37inch:2.2u
L6402 42inch:1.9u 37inch:2.2u
L6403 42inch:1.9u 37inch:2.2u
0-200V
L6411 42inch:1.9u 37inch:2.2u
L6412 42inch:1.9u 37inch:2.2u
L6413 42inch:1.9u 37inch:2.2u
0-305V
Q6401 B1JADN000001
Q6402 B1JADN000001
Q6403 B1JADN000001
R6401 15
R6402 15
R6403 15
R6404 15
R6405 15
R6406 15
C6401 630V 5600p
C6402 630V 2200p
D6402 B0HBSN000008
D6401 B0HBSN000008
R6512 10k
Q6421 B1JAEP000001
Q6422 B1JAEP000001
Q6423 B1JAEP000001
R6421 15
R6422 15
R6423 15
R6424 15
R6425 15
R6426 15
C6421 630V 42inch:2700p 37inch:5600p
C6422 630V 42inch:2700p 37inch:5600p
D6431 B0HBSP000019
D6432 B0HBSP000019
SOS7_SC2
5V
D6480 MA2J11100L
Q6471 B1CHGD000006
R6475 4.7k
R6477 1k
R6479 100k
R6478 4.7k
R6476 4.7k
C6472 50V 0.1u
C6480 50V 0.1u
MAIN_STOP
VCC IN_B IN_A OUT_Y GND
IC6472
C0JBAA000377
IC6581
C0BBBA000022
COMPARATOR
Q6581 2SD0601A0L
D6585 MA2J11100L
R6588 10k
R6587 2.2k
C6581 25V 1u
D6581 MAZ83300ML
D6582 MAZ83300ML
D6583 LNJ301MPUJA (GREEN LED)
R6581 10k
R6585 1.2k
R6586 1.8k
C6582 16V 1u
D6584 MAZ80510LL
R6582 39k
R6583 39k
R6584 10k
COLD
FLOATING GND
IC6861
C0BBBA000022
COMPARATOR
PC6861 B3PBA0000223
15V_F
VSCN_F
D6820 MA2J11100L
R6867 3.9k
R6861 39k
R6862 47k
R6863 47k
R6864 9.1k
C6862 25V 1u
R6865 2.2k
R6866 2.2k
D6861 MAZ80510LL
C6861 16V 1u
C6863 50V 0.01u
D6862 MA2J11100L
R6869 4.7k
R6868 22k
VF_GND
TP28 TP29 TP30 TP31 TP32 TP33 TP34 TP35
PC6871 B3PBA0000223
SOS7_SC2
D6872 MA2J11100L
R6879 4.7k
R6878 22k
R6877 3.9k
D6821 MA2J11100L
16V_F
IC6871
C0BBBA000022
COMPARATOR
R6875 3.3k
R6876 1.2k
C6872 25V 1u
C6871 16V 1u
D6871 MAZ80510LL
C6873 50V 0.01u
R6871 39k
R6872 39k
R6873 39k
R6874 8.2k
R6793 100
Q6791 2SD0601A0L
R6791 1k
R6792 10k
D6791 MAZ82000ML
COLD
FLOATING GND
①
②
③
④
⑤

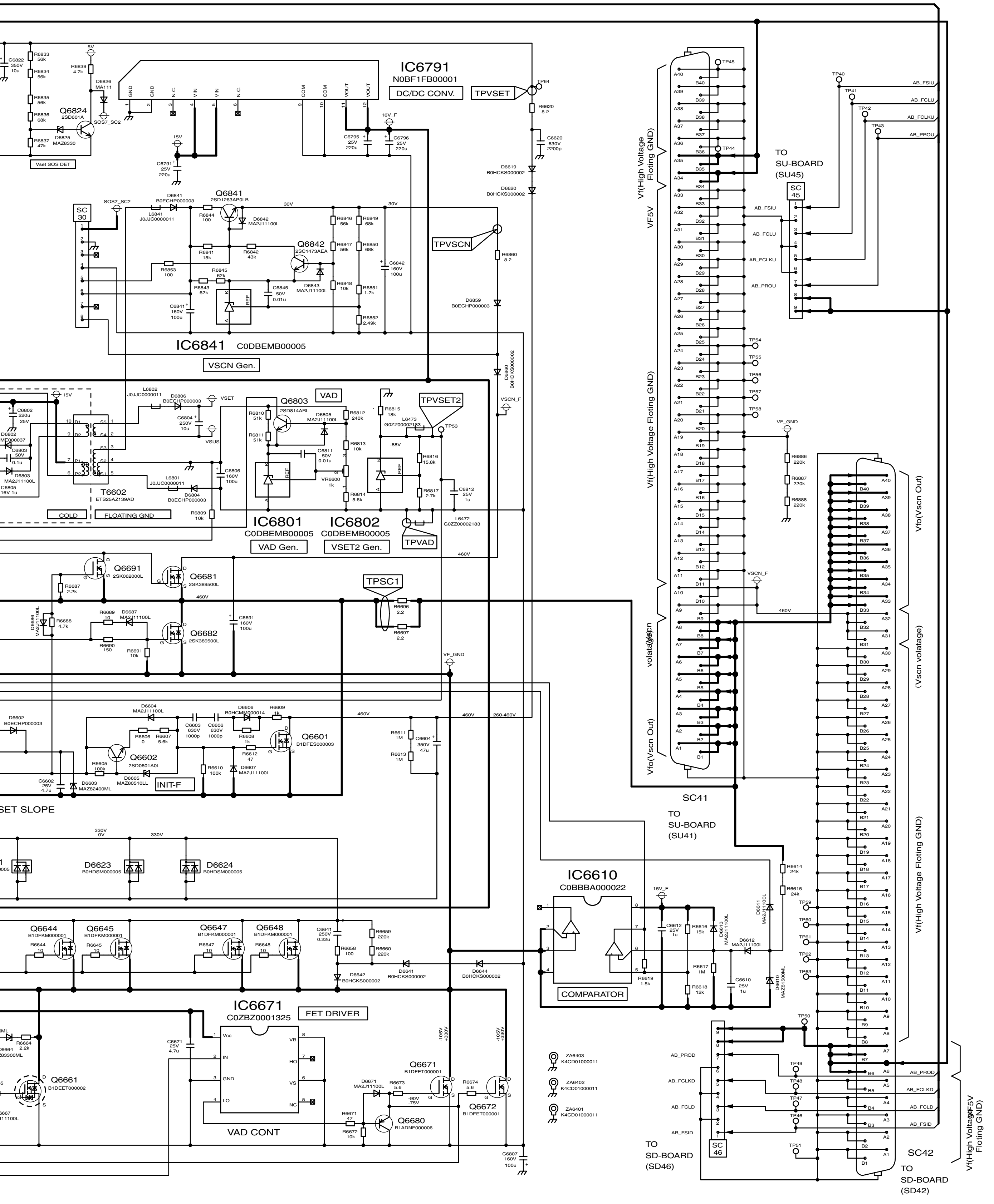
TH-37/42PV600E,TH-37/42PX600B
SC-Board (1 of 2) Schematic Diagram

14.66. SC-Board (2 of 2) Schematic Diagram


SC-BOARD (2/2)
TXNSC1BJTB(42inch)
TXNSC1BKTB(37inch)
COLD
FLOATING GND
PC6701
PC6702
PC6703
PC6704
PC6705
PC6480
PC6760
PC6801
IC6721
C0JBAZ000994
BUFFER
IC6722
C0JBAZ000994
BUFFER
IC6724
C0CBADC00089
+5V(SC1)
IC6725
C0CBADC00089
+5V(SC2)
IC6681
C0ZBZ0001325
FET DRIVER
VSCN
SUPERIMPOSED
IC6682
C0JBAA000377
IC6471
C0DBEKA00003
IC6753
C0JBAB000715
IC6751
C0CBADC00089
+5V(SC3)
IC6752
C0ZBZ0001325
FET DRIVER
IC6602
C0JBAB000715
IC6601
C0ZBZ0001325
FET DRIVER
VSET SLOPE
VSET SEPARATE
IC6771
C0CBADC00089
+5V(SC3)
IC6772
C0ZBZ0001325
FET DRIVER
IC6773
C0JBAA000377
IC6774
C0JBAA000377
VAD SEPARATE
IC6821
C0DBEMB00005
+5V(SC1)
VSET
Q6821
Q6822
Q6824
Q6801
POWER OSC
Q6802
Q6804
Q6742
Q6744
Q6743
Q6621
Q6622
Q6762
D6621
Q6781
Q6782
Q6641
Q6642
Q6644
Q6661
Q6662
Q6663
INIT-F
AA_CL
AA_CLK
AA_SIU
AA_SID
AA_CEL2
AC_CPH2
AC_CPH1
AA_CEL
AA_SCSU
AB_FCLD
AB_FCLU
AB_FCLKD
AB_FCLKU
AB_FSIU
AB_FSID
AB_PROU
AB_PROD
Vset SOS DET
SOS7_SC2
15V
15V_F
335V
350V
215V
5V
1
2
3
4
5

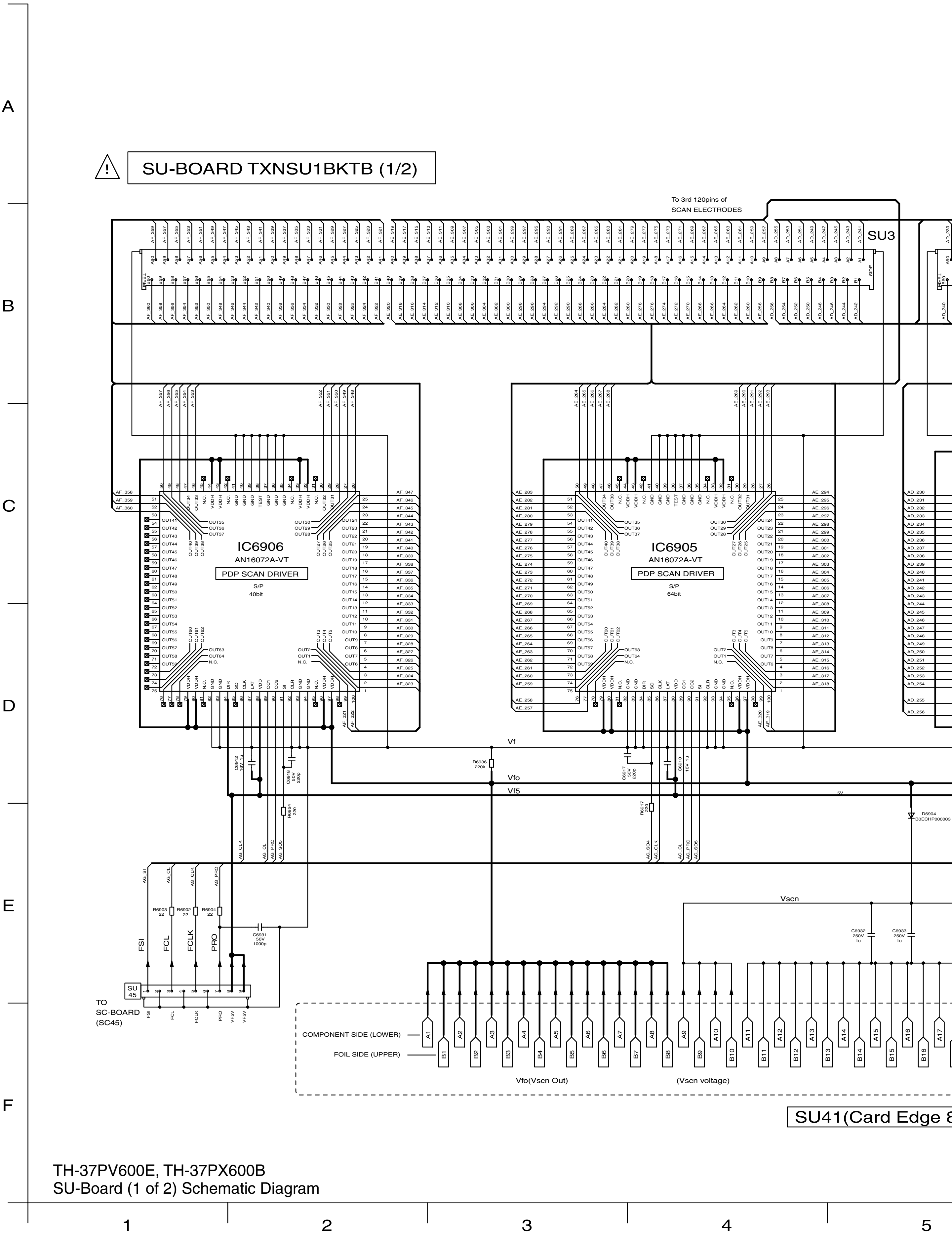
TH-37/42PV600E,TH-37/42PX600B
SC-Board (2 of 2) Schematic Diagram

10 11 12 13 14

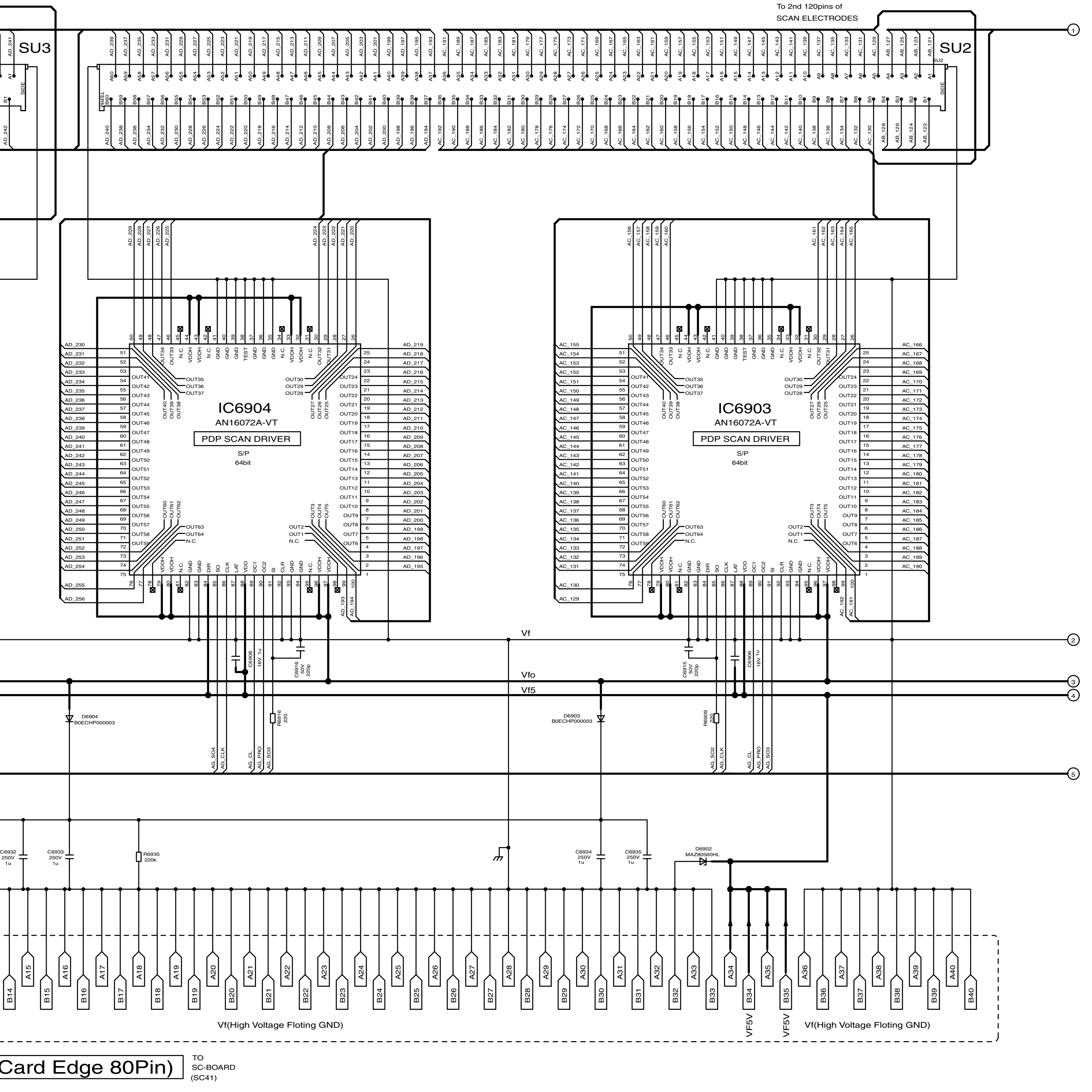

IC6791
N0BF1FB00001
DC/DC CONV.
TPVSET
Q6824
2SD601A
Vset SOS DET
SC 30
Q6841
2SD1263AP0LB
Q6842
2SC1473AEA
TPVSCN
IC6841 C0DBEMB00005
VSCN Gen.
Q6803
2SD814ARL
VAD
TPVSET2
T6602
ETS25AZ139AD
COLD
FLOATING GND
IC6801
C0DBEMB00005
VAD Gen.
IC6802
C0DBEMB00005
VSET2 Gen.
TPVAD
Q6691
2SK3062000L
Q6681
2SK3895000L
Q6682
2SK3895000L
TPSC1
Q6601
B1DFES000003
Q6602
2SD0601A0L
INIT-F
SET SLOPE
D6623
B0HDSM000005
D6624
B0HDSM000005
Q6644
B1DFKM000001
Q6645
B1DFKM000001
Q6647
B1DFKM000001
Q6648
B1DFKM000001
IC6610
C0BBBA000022
COMPARATOR
IC6671
C0ZBZ0001325
FET DRIVER
VAD CONT
Q6661
B1DEET000002
Q6671
B1DFET000001
Q6680
B1ADNF000006
Q6672
B1DFET000001
ZA6403
K4CD01000011
ZA6402
K4CD01000011
ZA6401
K4CD01000011
SC41
TO
SU-BOARD
(SU41)
SC 45
TO
SU-BOARD
(SU45)
Vf(High Voltage Floting GND)
VF5V
Vf(High Voltage Floting GND)
Vscn volatage
Vfo(Vscn Out)
Vfo(Vscn Out)
(Vscn volatage)
Vf(High Voltage Floting GND)
SC42
TO
SD-BOARD
(SD42)
SC 46
TO
SD-BOARD
(SD46)
Vf(High Voltage Floting GND) VF5V
AB_FSIU
AB_FCLU
AB_FCLKU
AB_PROU
AB_PROD
AB_FCLKD
AB_FCLD
AB_FSID
14
15
16
17
18

TH-37/42PV600E,TH-37/42PX600B
SC-Board (2 of 2) Schematic Diagram

14.67. SU-Board (1 of 2) Schematic Diagram (37inch)


A
B
C
D
E
F
1
2
3
4
5
SU-BOARD TXNSU1BKTB (1/2)
To 3rd 120pins of
SCAN ELECTRODES
SU3
IC6906
AN16072A-VT
PDP SCAN DRIVER
S/P
40bit
IC6905
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
Vf
Vfo
Vf5
5V
Vscn
R6936 220k
C6912 16V 1u
C6918 50V 220p
R6924 220
C6917 50V 220p
C6910 16V 1u
R6917 220
D6904 B0ECHP000003
C6932 250V 1u
C6933 250V 1u
AG_SI
AG_CL
AG_CLK
AG_PRO
R6903 22
R6902 22
R6904 22
C6931 50V 1000p
FSI
FCL
FCLK
PRO
SU 45
TO SC-BOARD (SC45)
FSI
FCL
FCLK
PRO
VF5V
VF5V
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
Vfo(Vscn Out)
(Vscn voltage)
SU41(Card Edge 8

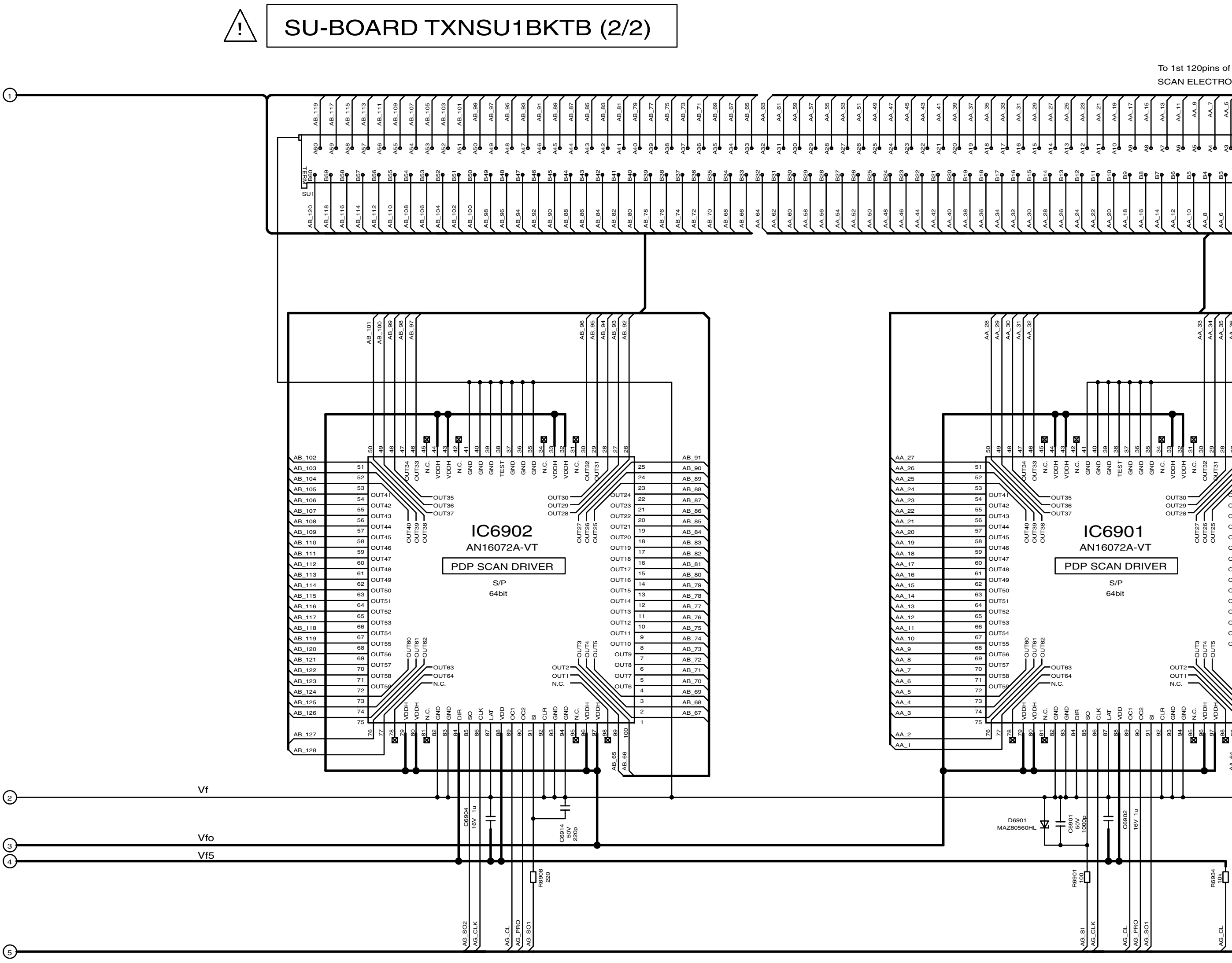
TH-37PV600E, TH-37PX600B
SU-Board (1 of 2) Schematic Diagram

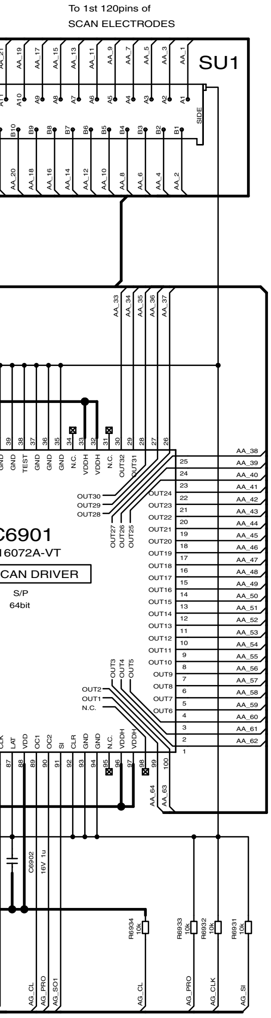

To 2nd 120pins of
SCAN ELECTRODES
SU3
SU2
IC6904
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6903
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
Vf
Vfo
Vf5
D6904
B0ECHP000003
D6903
B0ECHP000003
D6902
MAZ80560HL
C6908
16V 1u
C6916
50V
220p
C6915
50V
220p
C6906
16V 1u
R6916
220
R6909
220
C6932
250V
1u
C6933
250V
1u
R6935
220k
C6934
250V
1u
C6935
250V
1u
AG_SO4
AG_CLK
AG_CL
AG_PRO
AG_SO3
AG_SO2
VF5V
VF5V
Vf(High Voltage Floting GND)
Vf(High Voltage Floting GND)
Card Edge 80Pin)
TO
SC-BOARD
(SC41)

TH-37PV600E, TH-37PX600B
SU-Board (1 of 2) Schematic Diagram

5 6 7 8 9

14.68. SU-Board (2 of 2) Schematic Diagram (37inch)

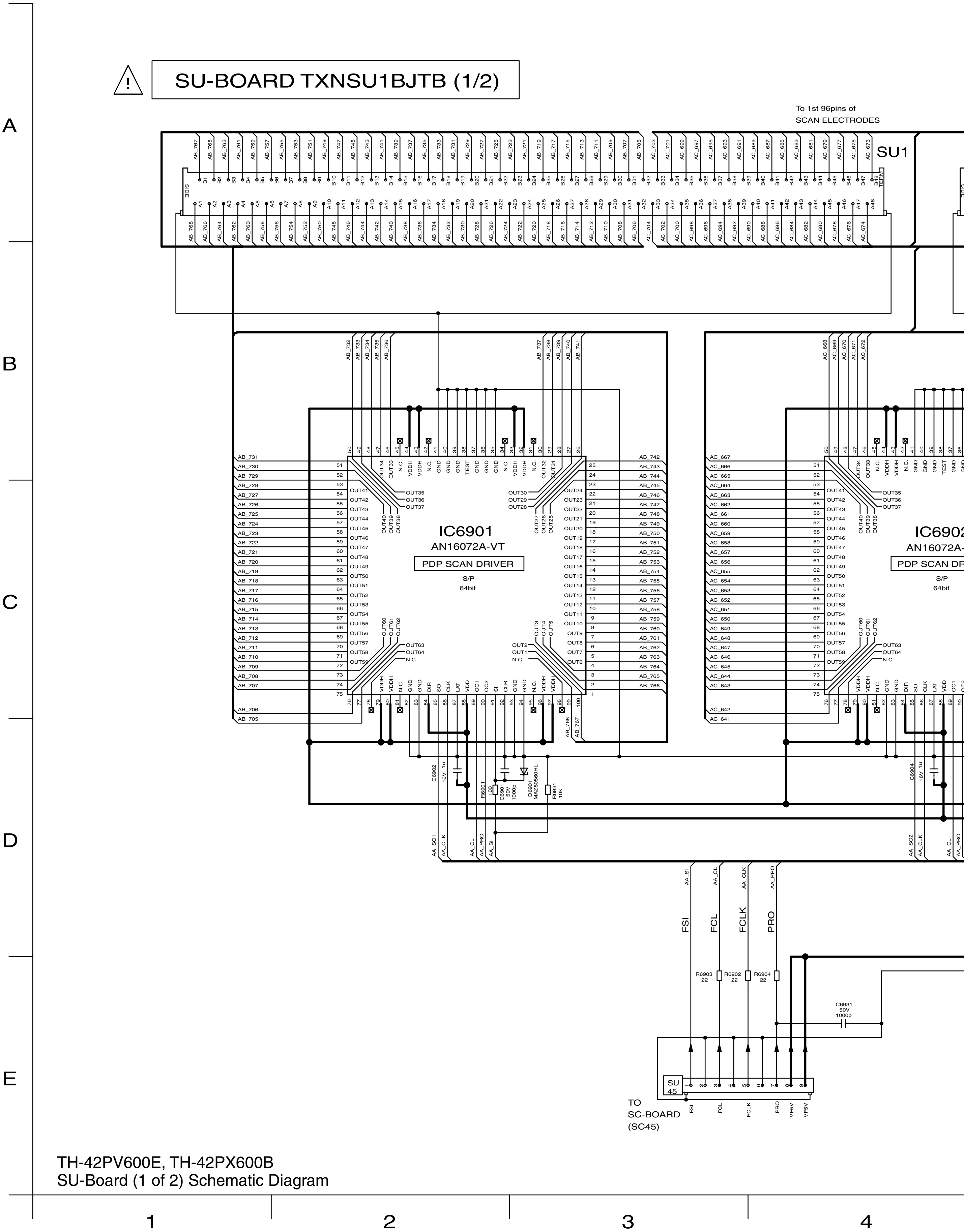

SU-BOARD TXNSU1BKTB (2/2)
To 1st 120pins of
SCAN ELECTRO
IC6902
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6901
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
Vf
Vfo
Vf5
D6901
MAZ80560HL
C6904
16V 1u
C6914
50V
220p
R6908
220
C6901
500V
1000p
C6902
16V 1u
R6901
100
AG_SO2
AG_CLK
AG_CL
AG_PRO
AG_SO1
AG_SI
1
2
3
4
5


To 1st 120pins of
SCAN ELECTRODES
SU1
SIDE
C6901
16072A-VT
CAN DRIVER
S/P
64bit
AA_33
AA_34
AA_35
AA_36
AA_37
AA_38
AA_39
AA_40
AA_41
AA_42
AA_43
AA_44
AA_45
AA_46
AA_47
AA_48
AA_49
AA_50
AA_51
AA_52
AA_53
AA_54
AA_55
AA_56
AA_57
AA_58
AA_59
AA_60
AA_61
AA_62
AA_63
AA_64
C6902
16V 1u
R6934
10k
R6933
10k
R6932
10k
R6931
10k
AG_CL
AG_PRO
AG_SO1
AG_CL
AG_PRO
AG_CLK
AG_SI

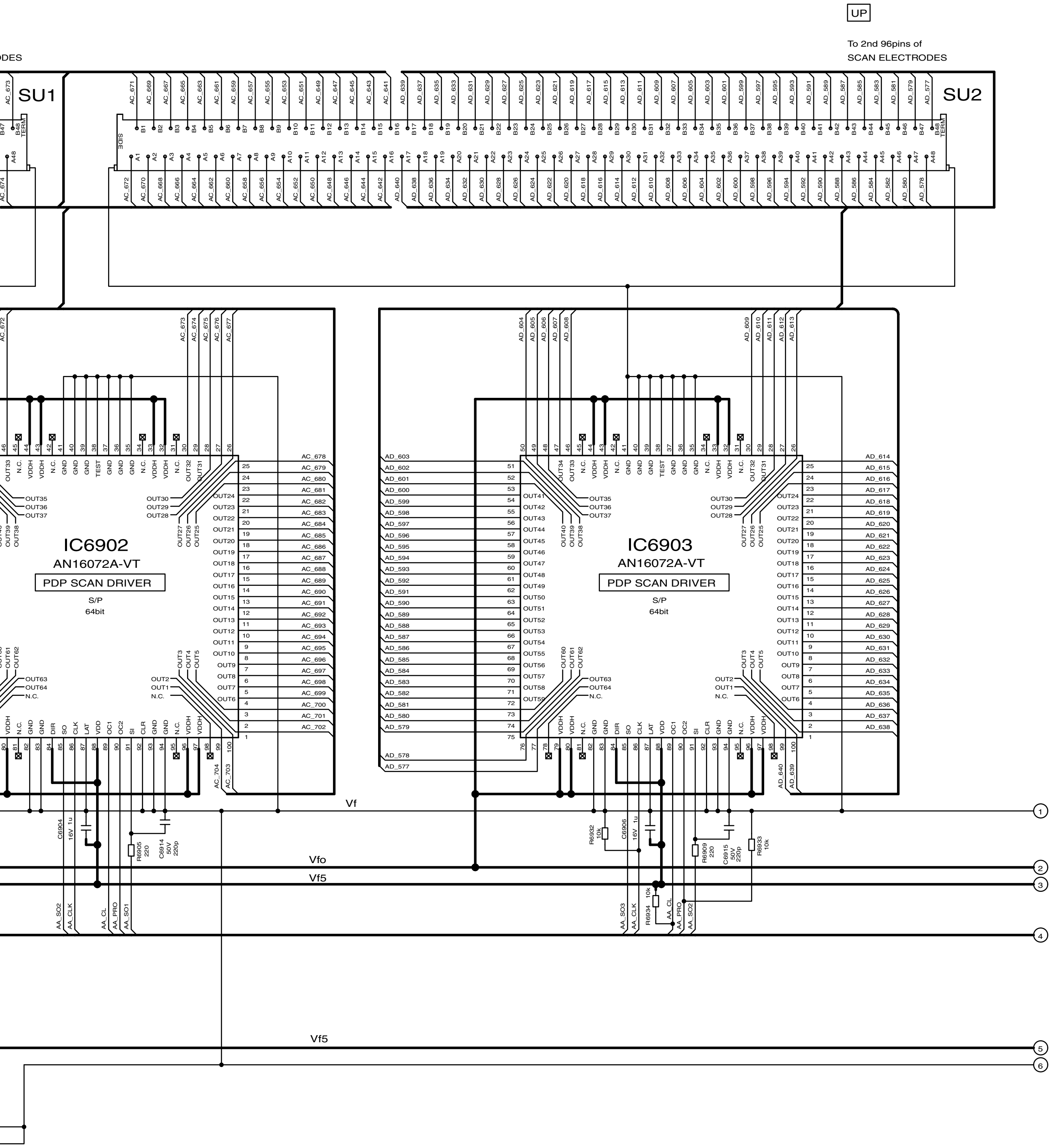
TH-37PV600E, TH-37PX600B
SU-Board (2 of 2) Schematic Diagram

14 15 16 17 18

14.69. SU-Board (1 of 2) Schematic Diagram (42inch)


SU-BOARD TXNSU1BJTB (1/2)
To 1st 96pins of
SCAN ELECTRODES
SU1
IC6901
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6902
AN16072A-
PDP SCAN DR
S/P
64bit
C6902
16V 1u
R6901
100
C6901
50V
1000p
D6901
MAZ80560HL
R6931
10k
C6904
16V 1u
AA_SO1
AA_CLK
AA_CL
AA_PRO
AA_SI
AA_SO2
FSI
FCL
FCLK
PRO
R6903
22
R6902
22
R6904
22
C6931
50V
1000p
SU
45
VF5V
TO
SC-BOARD
(SC45)
A
B
C
D
E
1
2
3
4

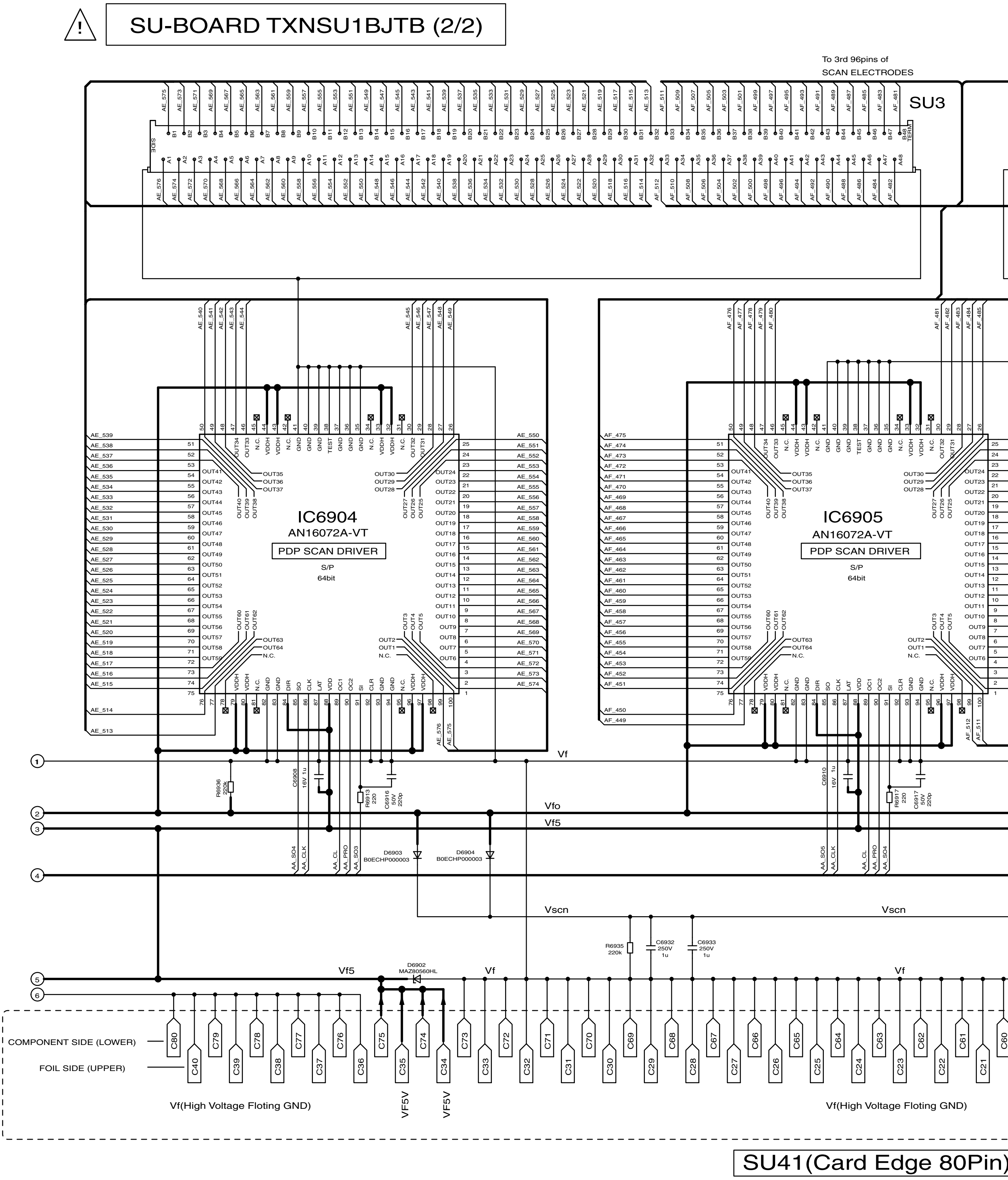
TH-42PV600E, TH-42PX600B
SU-Board (1 of 2) Schematic Diagram


UP
To 2nd 96pins of
SCAN ELECTRODES
SU1
SU2
IC6902
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6903
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
Vf
Vfo
Vf5
Vf5
C6904 16V 1u
R6905 220
C6914 50V 220p
R6932 10k
C6906 16V 1u
R6909 220
C6915 50V 220p
R6933 10k
R6934 10k
AA_SO2
AA_CLK
AA_CL
AA_PRO
AA_SO1
AA_SO3
AA_SO2
①
②
③
④
⑤
⑥

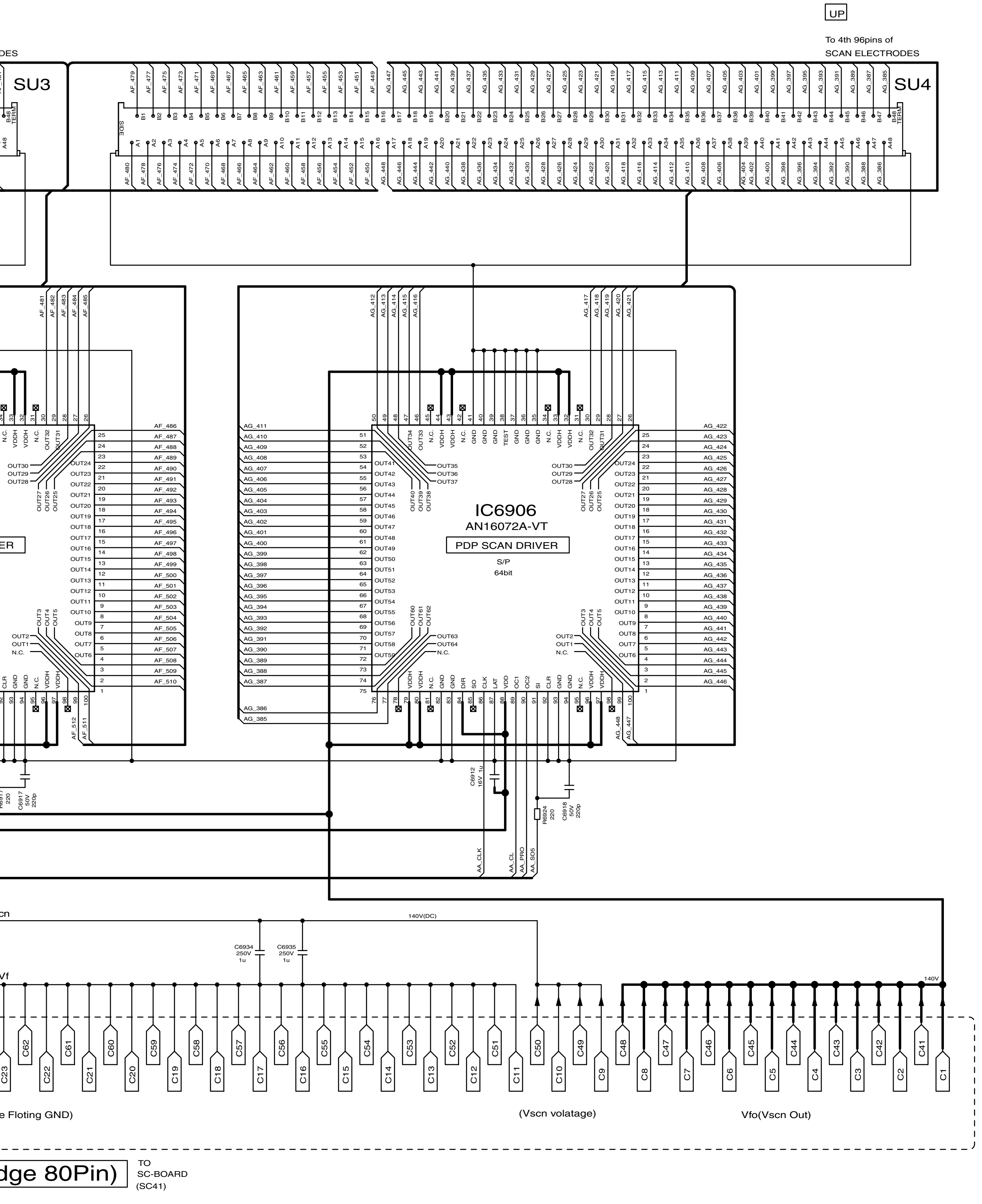
TH-42PV600E, TH-42PX600B
SU-Board (1 of 2) Schematic Diagram

4 5 6 7 8

14.70. SU-Board (2 of 2) Schematic Diagram (42inch)



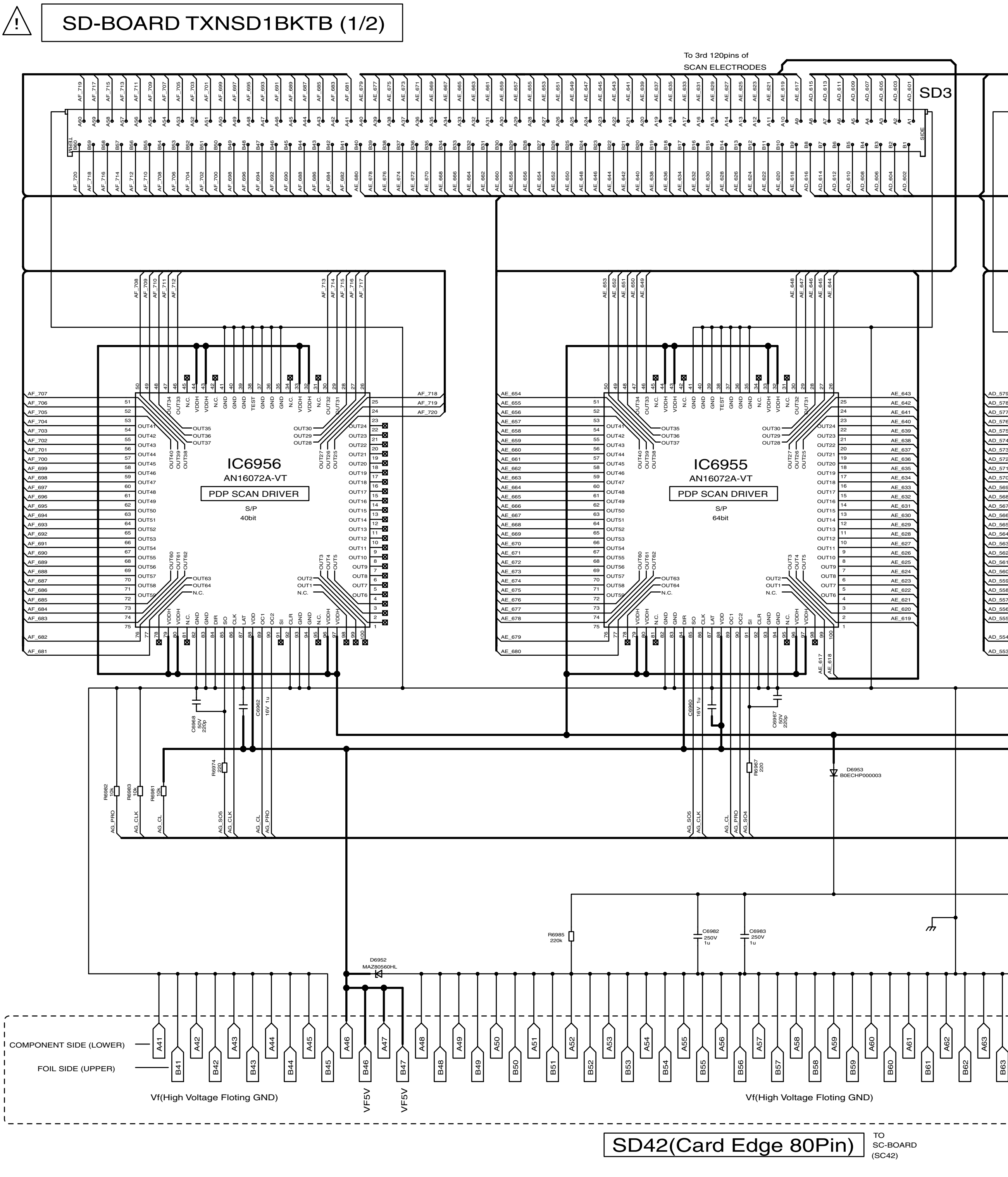
SU-BOARD TXNSU1BJTB (2/2)
To 3rd 96pins of
SCAN ELECTRODES
SU3
SIDE
TERM
IC6904
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6905
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
Vf
Vfo
Vf5
Vscn
Vf5
Vf
D6902
MAZ80560HL
D6903
B0ECHP000003
D6904
B0ECHP000003
R6936
220k
C6908
16V 1u
R6913
220
C6916
50V
220p
C6910
16V 1u
R6917
220
C6917
50V
220p
R6935
220k
C6932
250V
1u
C6933
250V
1u
AA_SO4
AA_CLK
AA_CL
AA_PRO
AA_SO3
AA_SO5
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
Vf(High Voltage Floting GND)
VF5V
VF5V
Vf(High Voltage Floting GND)
SU41(Card Edge 80Pin)
1
2
3
4
5
6


UP
To 4th 96pins of
SCAN ELECTRODES
SU3
SU4
IC6906
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
C6912 16V 1u
R6924 220
C6918 50V 220p
C6917 50V 220p
C6934 250V 1u
C6935 250V 1u
AA_CLK
AA_CL
AA_PRO
AA_SO5
140V(DC)
140V
(Vscn volatage)
Vfo(Vscn Out)
e Floting GND)
dge 80Pin)
TO
SC-BOARD
(SC41)

TH-42PV600E, TH-42PX600B
SU-Board (2 of 2) Schematic Diagram

12 13 14 15

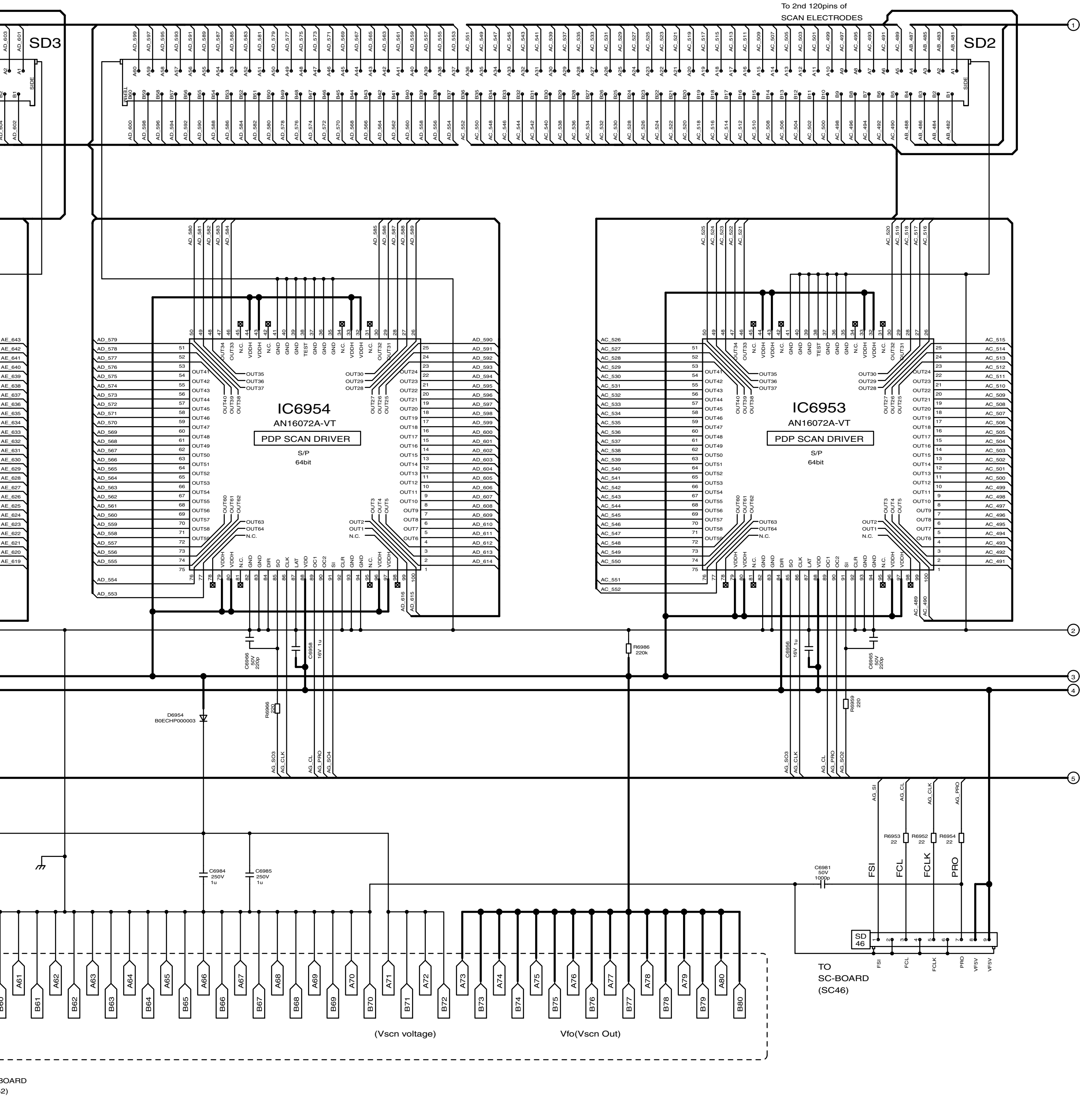
14.71. SD-Board (1 of 2) Schematic Diagram (37inch)



A
B
C
D
E
F
SD-BOARD TXNSD1BKTB (1/2)
To 3rd 120pins of
SCAN ELECTRODES
SD3
IC6956
AN16072A-VT
PDP SCAN DRIVER
S/P
40bit
IC6955
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
C6968
50V
220p
C6962
16V 1u
C6960
16V 1u
C6967
50V
220p
R6974
220
R6987
220
R6982
10k
R6983
10k
R6981
10k
D6953
B0ECHP000003
D6952
MAZ80560HL
R6985
220k
C6982
250V
1u
C6983
250V
1u
AG_PRO
AG_CLK
AG_CL
AG_SO5
AG_SO4
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
Vf(High Voltage Floting GND)
VF5V
VF5V
Vf(High Voltage Floting GND)
SD42(Card Edge 80Pin)
TO
SC-BOARD
(SC42)

TH-37PV600E, TH-37PX600B
SD-Board (1 of 2) Schematic Diagram

1 2 3 4 5

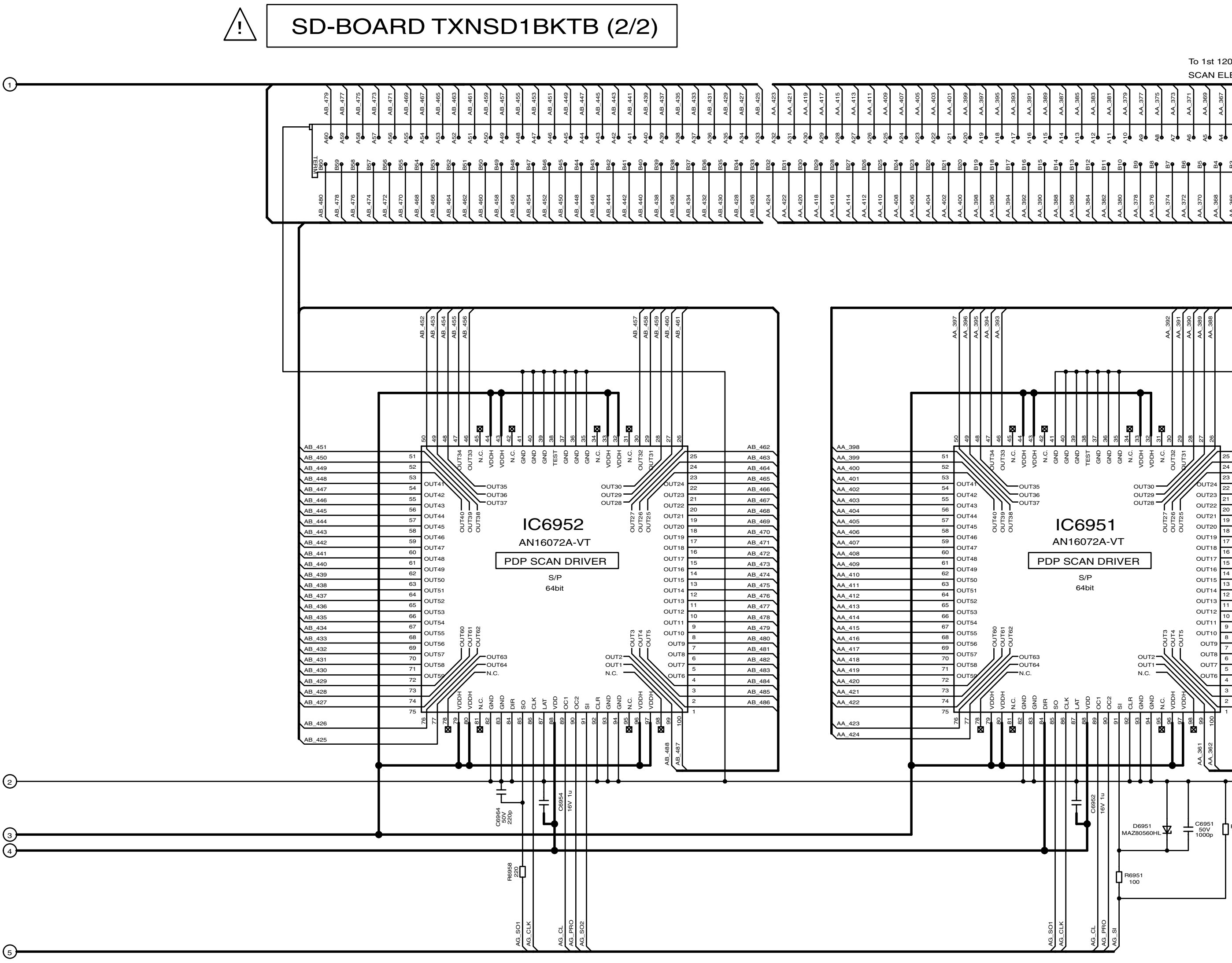


To 2nd 120pins of
SCAN ELECTRODES
SD3
SD2
TERM
SIDE
IC6954
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6953
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
D6954
B0ECHP000003
C6966
50V
220p
C6958
16V 1u
R6966
220
R6986
220k
C6956
16V 1u
C6965
50V
220p
R6959
220
AG_SD3
AG_CLK
AG_CL
AG_PRO
AG_SO4
AG_SD3
AG_CLK
AG_CL
AG_PRO
AG_SO2
AG_SI
AG_CL
AG_CLK
AG_PRO
R6953
22
R6952
22
R6954
22
FSI
FCL
FCLK
PRO
C6981
50V
1000p
C6984
250V
1u
C6985
250V
1u
SD
46
FSI
FCL
FCLK
PRO
VF5V
VF5V
TO
SC-BOARD
(SC46)
A61
A62
A63
A64
A65
A66
A67
A68
A69
A70
A71
A72
A73
A74
A75
A76
A77
A78
A79
A80
B61
B62
B63
B64
B65
B66
B67
B68
B69
B70
B71
B72
B73
B74
B75
B76
B77
B78
B79
B80
(Vscn voltage)
Vfo(Vscn Out)
BOARD
2)
①
②
③
④
⑤

TH-37PV600E, TH-37PX600B
SD-Board (1 of 2) Schematic Diagram

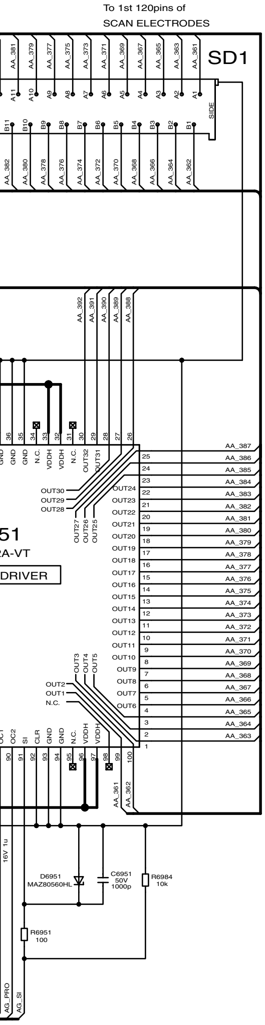
5 6 7 8 9

14.72. SD-Board (2 of 2) Schematic Diagram (37inch)


SD-BOARD TXNSD1BKTB (2/2)
To 1st 120
SCAN EL
IC6952
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6951
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
C6984 50V 220p
C6954 16V 1u
R6958 220
C6952 16V 1u
D6951 MAZ80560HL
C6951 50V 1000p
R6951 100
AG_SO1
AG_CLK
AG_CL
AG_PRO
AG_SO2
AG_SI
1
2
3
4
5

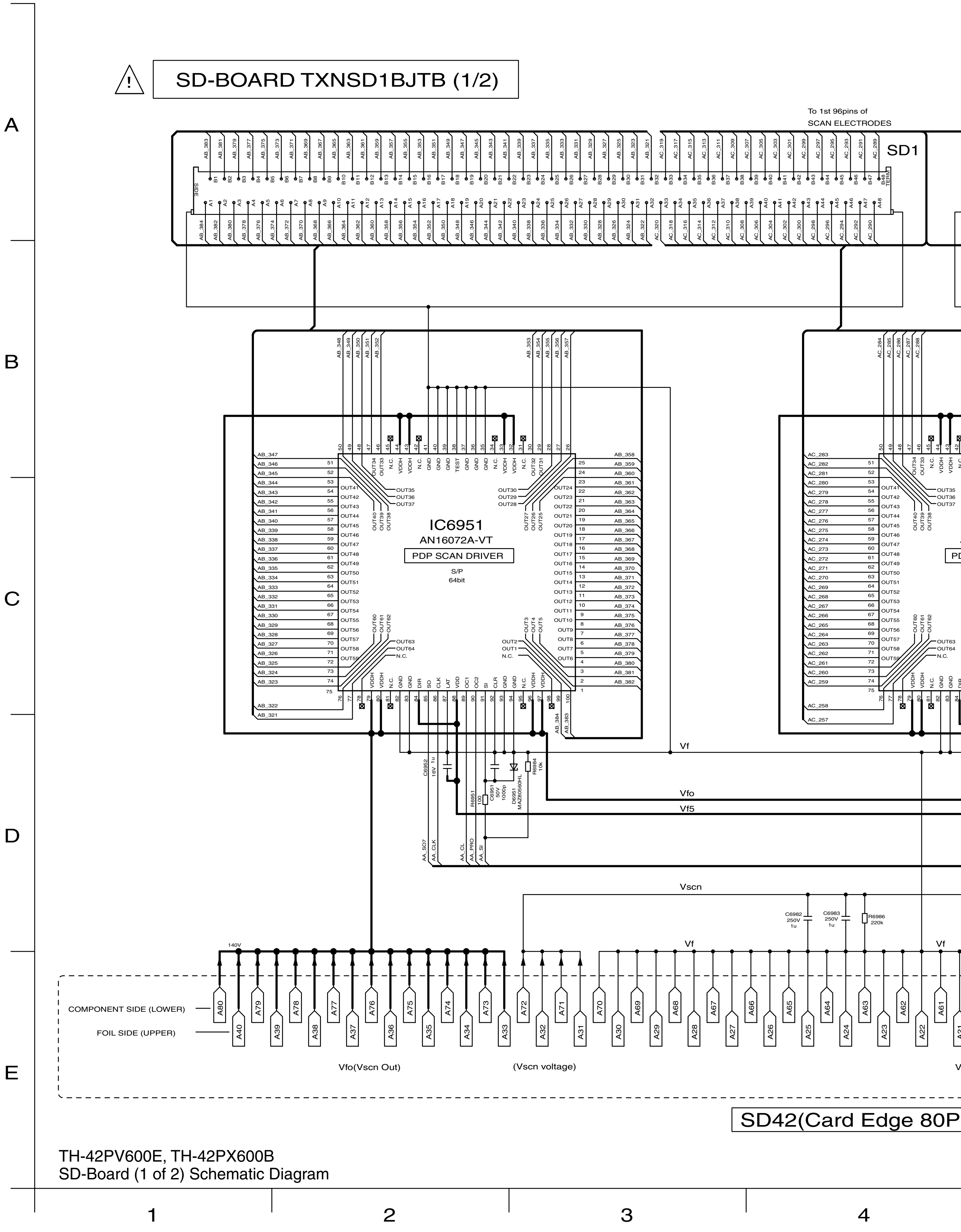
TH-37PV600E, TH-37PX600B
SD-Board (2 of 2) Schematic Diagram

10 11 12 13 14

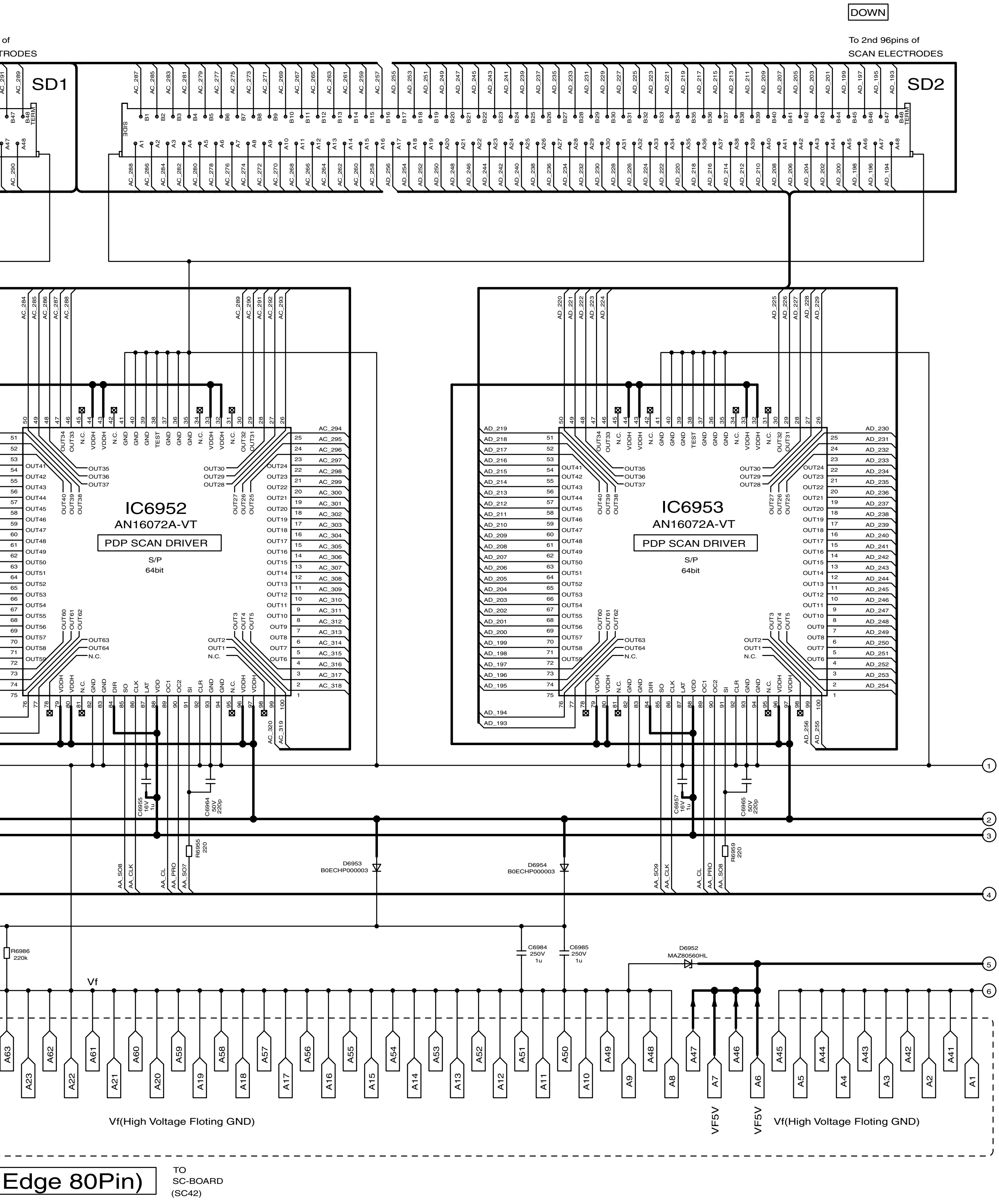

To 1st 120pins of
SCAN ELECTRODES
SD1
SIDE
AA_381
AA_379
AA_377
AA_375
AA_373
AA_371
AA_369
AA_367
AA_365
AA_363
AA_361
AA_382
AA_380
AA_378
AA_376
AA_374
AA_372
AA_370
AA_368
AA_366
AA_364
AA_362
AA_392
AA_391
AA_390
AA_389
AA_388
51
2A-VT
DRIVER
GND
N.C.
VDDH
OUT32
OUT31
OUT30
OUT29
OUT28
OUT27
OUT26
OUT25
OUT24
OUT23
OUT22
OUT21
OUT20
OUT19
OUT18
OUT17
OUT16
OUT15
OUT14
OUT13
OUT12
OUT11
OUT10
OUT9
OUT8
OUT7
OUT6
OUT5
OUT4
OUT3
OUT2
OUT1
AA_387
AA_386
AA_385
AA_384
AA_383
OC1
OC2
SI
CLR
D6951
MAZ80560HL
C6951
50V
1000p
R6984
10k
R6951
100
16V 1u
AG_PRO
AG_SI

TH-37PV600E, TH-37PX600B
SD-Board (2 of 2) Schematic Diagram

14.73. SD-Board (1 of 2) Schematic Diagram (42inch)

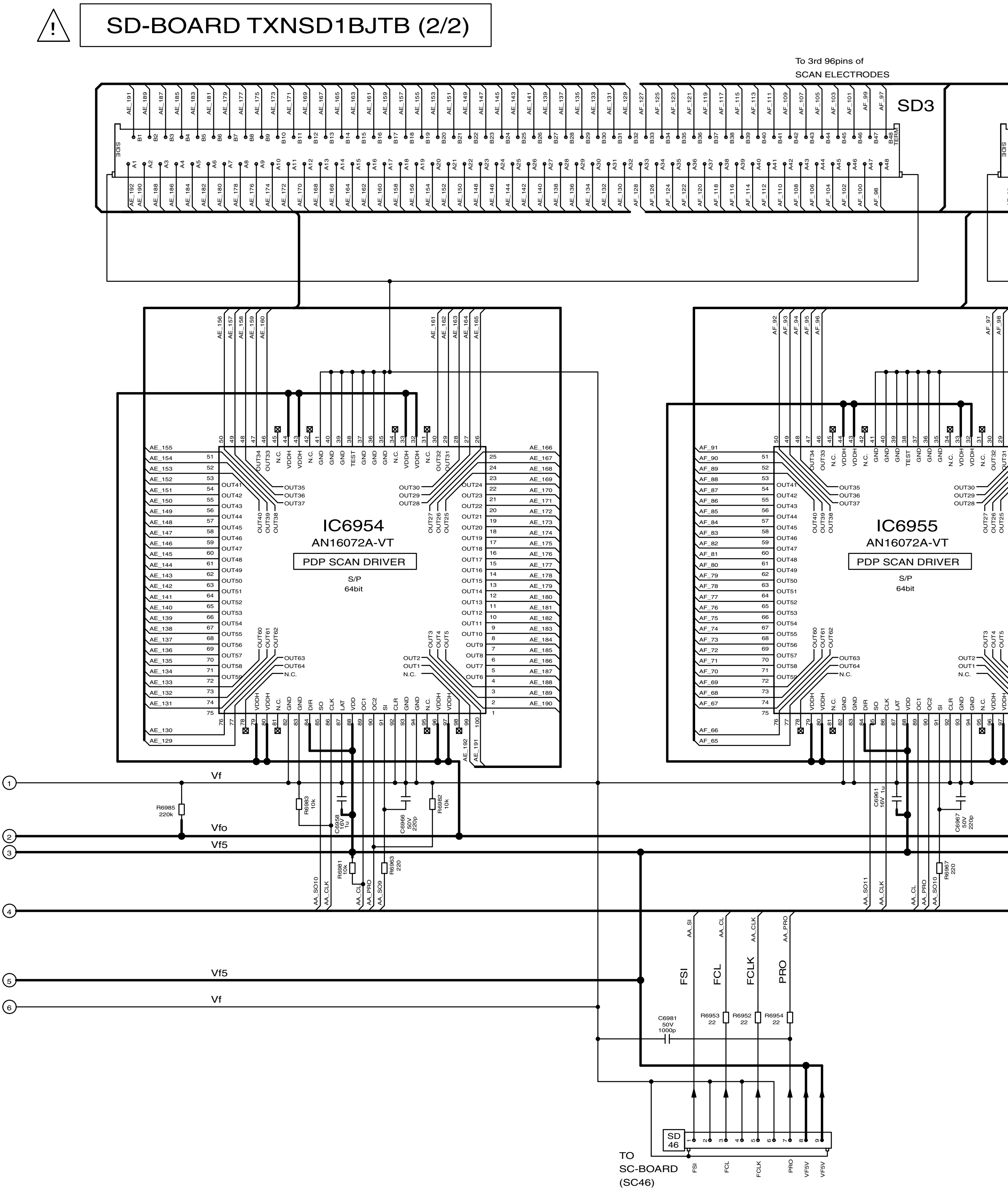

A
B
C
D
E
1
2
3
4
SD-BOARD TXNSD1BJTB (1/2)
To 1st 96pins of
SCAN ELECTRODES
SD1
IC6951
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
Vf
Vfo
Vf5
Vscn
C6952 16V 1u
R6951 100
C6951 50V 1000p
D6951
R6984 10k
AA_SO7
AA_CLK
AA_CL
AA_PRO
AA_SI
C6982 250V 1u
C6983 250V 1u
R6986 220k
140V
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
Vfo(Vscn Out)
(Vscn voltage)
SD42(Card Edge 80P

TH-42PV600E, TH-42PX600B
SD-Board (1 of 2) Schematic Diagram

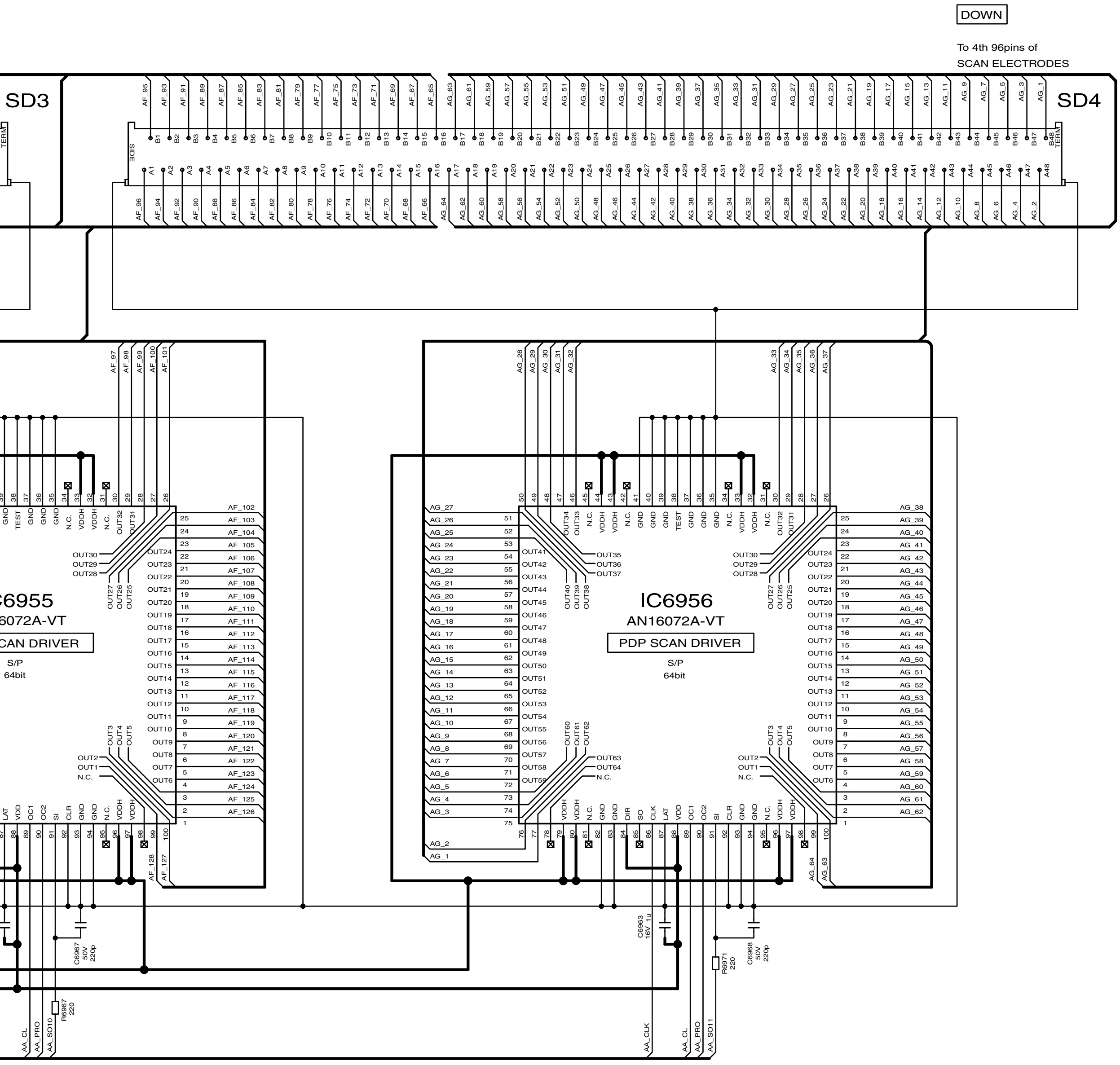

DOWN
To 2nd 96pins of
SCAN ELECTRODES
SD1
SD2
SIDE
TERM
IC6952
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6953
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
C6955 16V 1u
C6964 50V 220p
C6957 16V 1u
C6965 50V 220p
R6955 220
R6959 220
D6953 B0ECHP000003
D6954 B0ECHP000003
C6984 250V 1u
C6985 250V 1u
D6952 MAZ80560HL
R6986 220k
AA_SO8
AA_CLK
AA_CL
AA_PRO
AA_SO7
AA_SO9
Vf
Vf(High Voltage Floting GND)
VF5V
Edge 80Pin)
TO
SC-BOARD
(SC42)
①
②
③
④
⑤
⑥
4
5
6
7
8

TH-42PV600E, TH-42PX600B
SD-Board (1 of 2) Schematic Diagram

14.74. SD-Board (2 of 2) Schematic Diagram (42inch)


SD-BOARD TXNSD1BJTB (2/2)
To 3rd 96pins of
SCAN ELECTRODES
SD3
SIDE
TERM
IC6954
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
IC6955
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
Vf
Vfo
Vf5
Vf5
Vf
R6985
220k
R6983
10k
R6982
10k
C6956
16V
1u
C6966
50V
220p
R6981
10k
R6963
220
C6961
16V
1u
C6967
50V
220p
R6967
220
AA_SO10
AA_CLK
AA_CL
AA_PRO
AA_SO9
AA_SO11
AA_SI
FSI
FCL
FCLK
PRO
C6981
50V
1000p
R6953
22
R6952
22
R6954
22
SD
46
TO
SC-BOARD
(SC46)
VF5V
VF5V

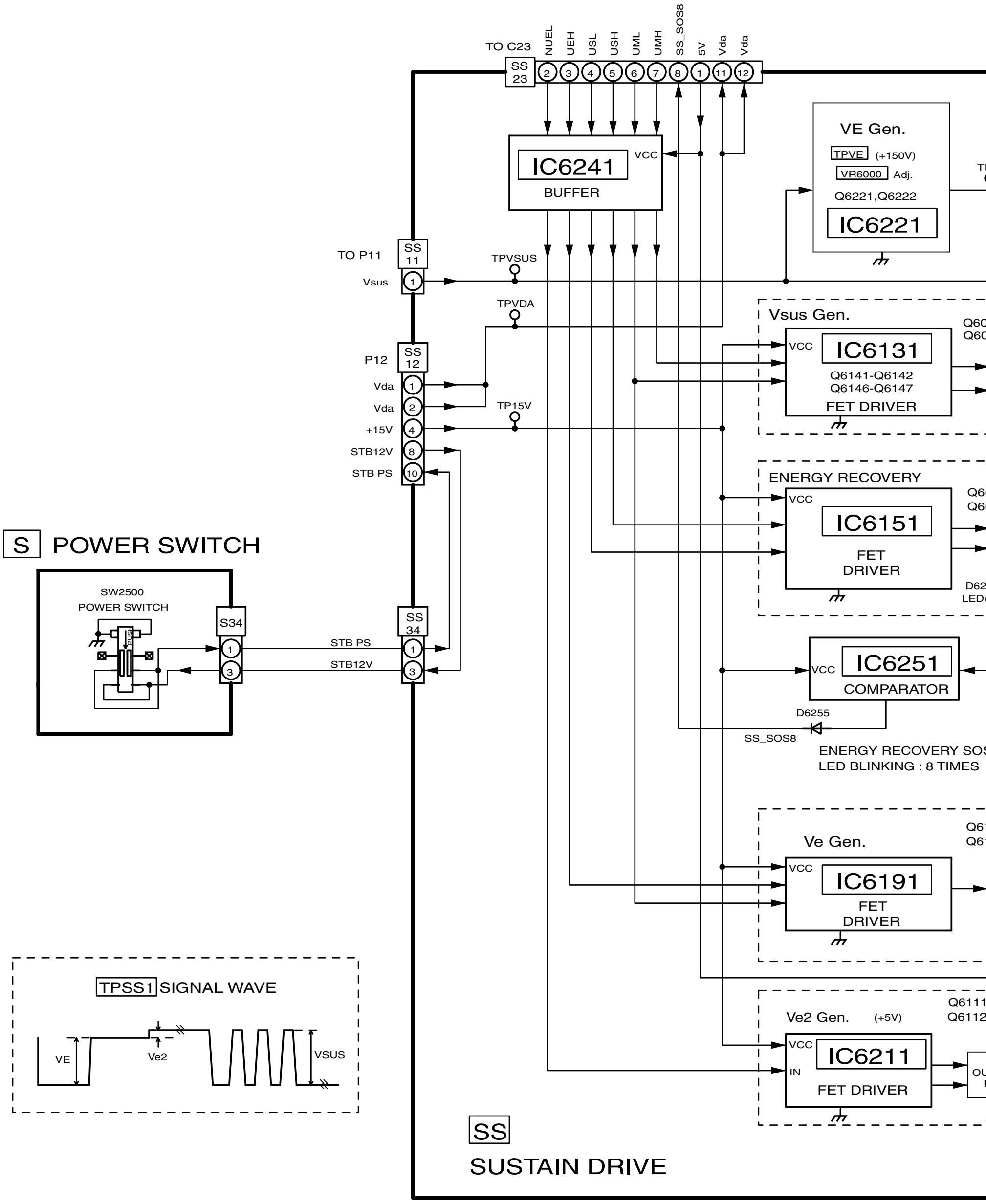
TH-42PV600E, TH-42PX600B
SD-Board (2 of 2) Schematic Diagram

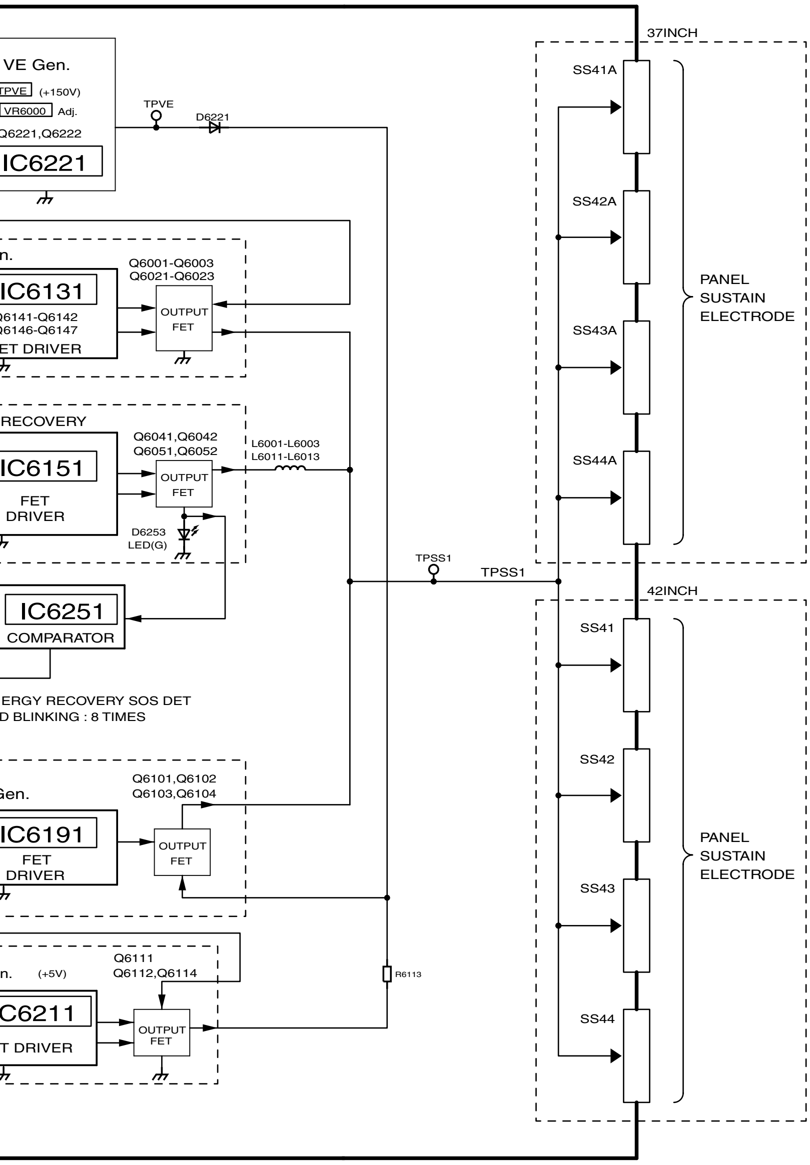

DOWN
To 4th 96pins of
SCAN ELECTRODES
SD3
SD4
SIDE
TERM
C6955
6072A-VT
CAN DRIVER
S/P
64bit
IC6956
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit
C6967
50V
220p
R6967
220
C6963
16V 1u
R6971
220
C6968
50V
220p
AA_CL
AA_PRO
AA_SO10
AA_CLK
AA_CL
AA_PRO
AA_SO11

TH-42PV600E, TH-42PX600B
SD-Board (2 of 2) Schematic Diagram

12 13 14 15

14.75. SS and S-Board Block Diagram

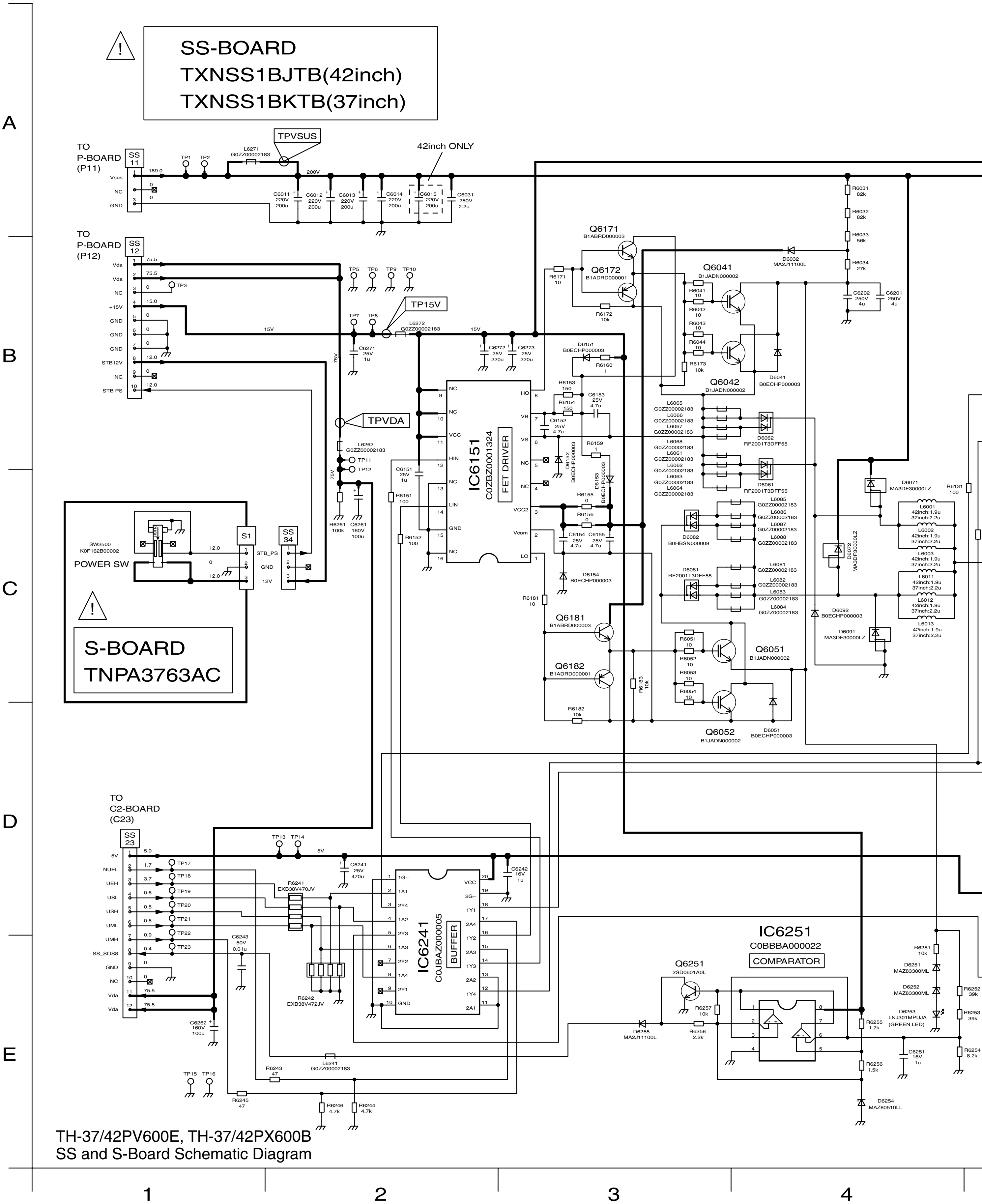

TO C23
SS 23
NUEL
UEH
USL
USH
UML
UMH
SS_SOS8
5V
Vda
Vda
2
3
4
5
6
7
8
1
11
12
IC6241
VCC
BUFFER
VE Gen.
TPVE (+150V)
VR6000 Adj.
Q6221,Q6222
IC6221
TO P11
SS 11
Vsus
1
TPVSUS
TPVDA
P12
SS 12
Vda
Vda
+15V
STB12V
STB PS
1
2
4
8
10
TP15V
Vsus Gen.
VCC
IC6131
Q6141-Q6142
Q6146-Q6147
FET DRIVER
ENERGY RECOVERY
VCC
IC6151
FET
DRIVER
S
POWER SWITCH
SW2500
POWER SWITCH
S34
1
3
STB PS
STB12V
SS 34
1
3
VCC
IC6251
COMPARATOR
D6255
SS_SOS8
ENERGY RECOVERY SOS
LED BLINKING : 8 TIMES
Ve Gen.
VCC
IC6191
FET
DRIVER
TPSS1 SIGNAL WAVE
VE
Ve2
VSUS
Q6111
Q6112
Ve2 Gen.
(+5V)
VCC
IN
IC6211
FET DRIVER
SS
SUSTAIN DRIVE



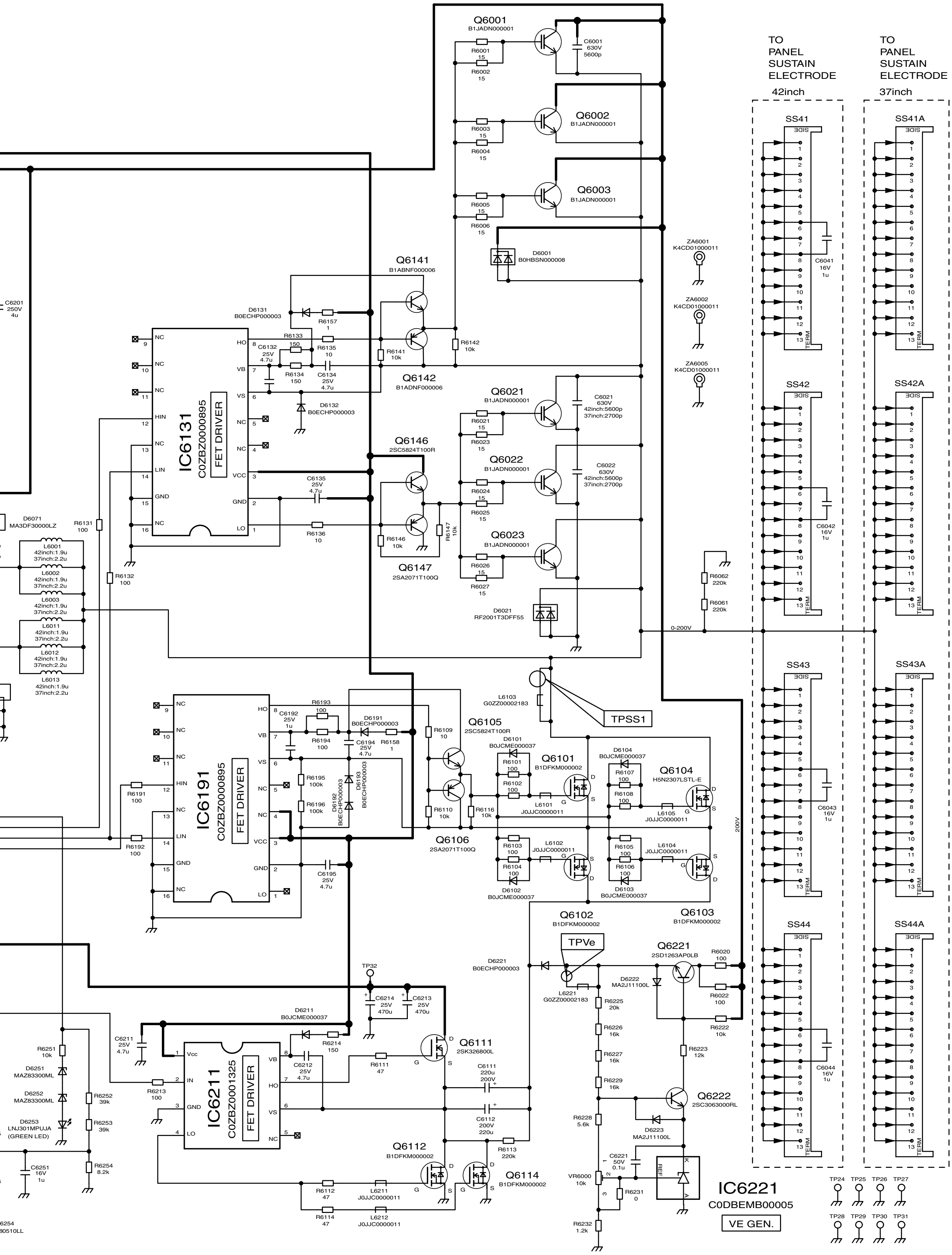
VE Gen.
TPVE
(+150V)
VR6000
Adj.
Q6221,Q6222
IC6221
TPVE
D6221
37INCH
SS41A
SS42A
SS43A
SS44A
PANEL
SUSTAIN
ELECTRODE
n.
IC6131
Q6001-Q6003
Q6021-Q6023
OUTPUT
FET
6141-Q6142
6146-Q6147
ET DRIVER
RECOVERY
IC6151
Q6041,Q6042
Q6051,Q6052
OUTPUT
FET
L6001-L6003
L6011-L6013
FET
DRIVER
D6253
LED(G)
TPSS1
TPSS1
IC6251
COMPARATOR
42INCH
SS41
SS42
SS43
SS44
PANEL
SUSTAIN
ELECTRODE
ERGY RECOVERY SOS DET
D BLINKING : 8 TIMES
Gen.
IC6191
Q6101,Q6102
Q6103,Q6104
OUTPUT
FET
FET
DRIVER
n.
(+5V)
Q6111
Q6112,Q6114
R6113
C6211
T DRIVER
OUTPUT
FET

TH-37/42PV600E, TH-37/42PX600B
SS and S-Board Block Diagram

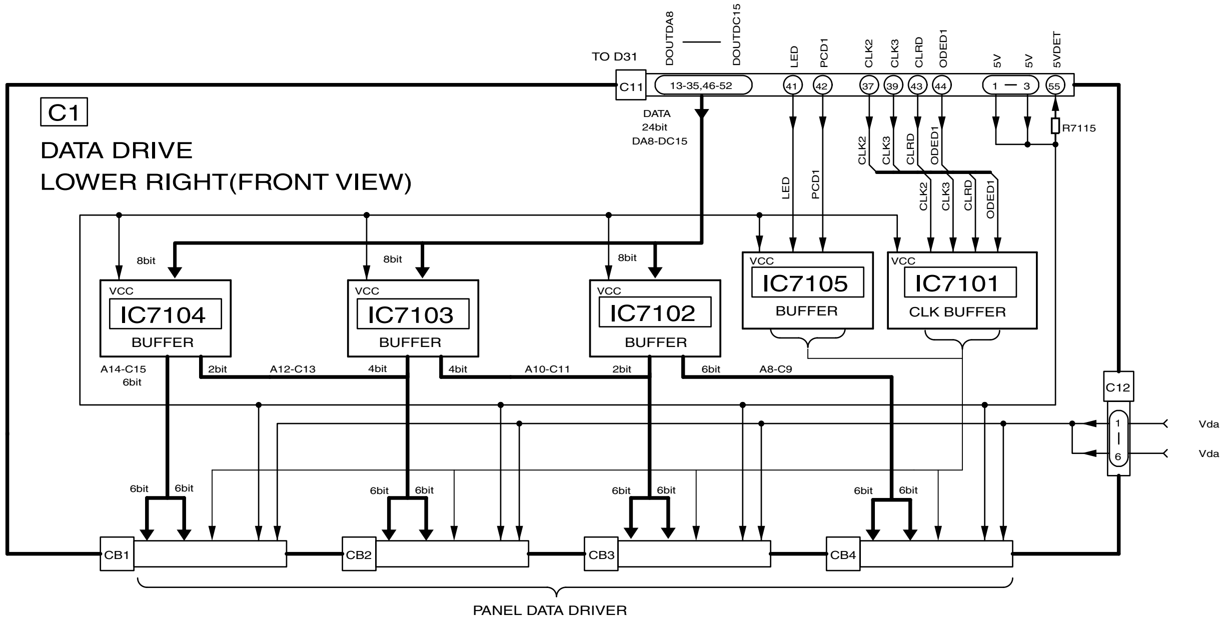
14.76. SS and S-Board Schematic Diagram

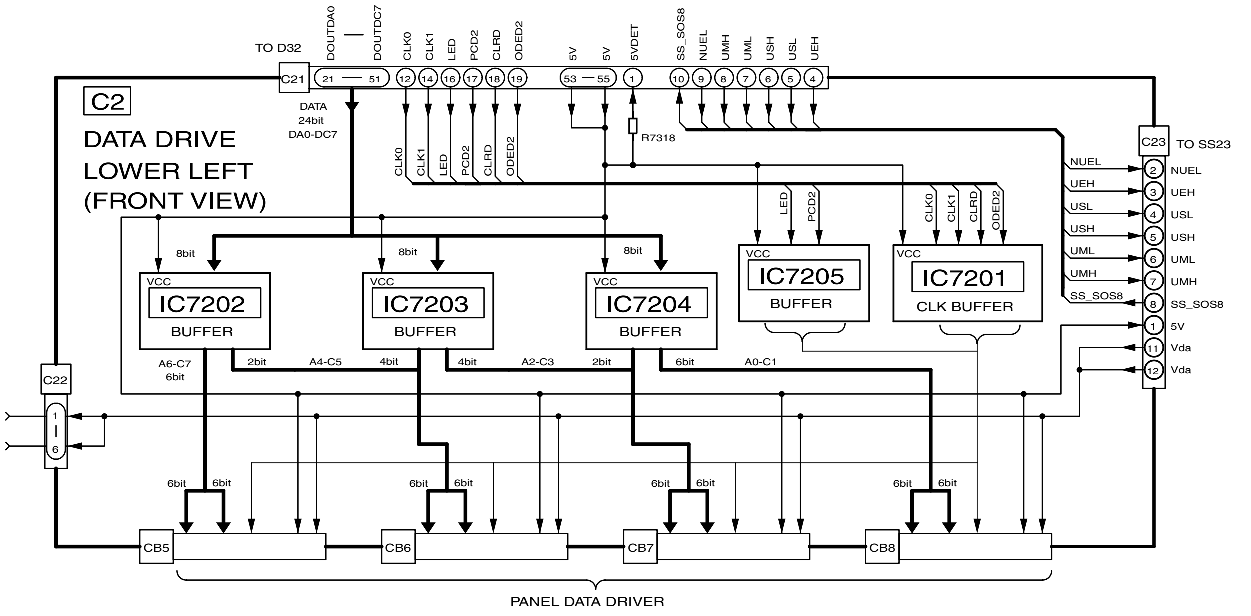

A
B
C
D
E
1
2
3
4
SS-BOARD
TXNSS1BJTB(42inch)
TXNSS1BKTB(37inch)
TO P-BOARD (P11)
SS 11
Vsus
NC
GND
189.0
TP1
TP2
L6271 G0ZZ00002183
TPVSUS
200V
42inch ONLY
C6011 220V 200u
C6012 220V 200u
C6013 220V 200u
C6014 220V 200u
C6015 220V 200u
C6031 250V 2.2u
R6031 82k
R6032 82k
R6033 56k
R6034 27k
C6202 250V 4u
C6201 250V 4u
TO P-BOARD (P12)
SS 12
Vda
Vda
NC
+15V
GND
GND
GND
STB12V
NC
STB PS
75.5
75.5
15.0
12.0
12.0
TP3
TP5
TP6
TP9
TP10
TP7
TP8
TP15V
L6272 G0ZZ00002183
15V
C6271 25V 1u
C6272 25V 220u
C6273 25V 220u
75V
TPVDA
L6262 G0ZZ00002183
TP11
TP12
R6261 100k
C6261 160V 100u
C6151 25V 1u
R6151 100
R6152 100
Q6171 B1ABRD000003
Q6172 B1ADRD000001
R6171 10
R6172 10k
D6151 B0ECHP000003
R6160 1
R6153 150
R6154 150
C6153 25V 4.7u
C6152 25V 4.7u
D6152 B0ECHP000003
R6159 1
D6153 B0ECHP000003
R6155 0
R6156 0
C6154 25V 4.7u
C6155 25V 4.7u
D6154 B0ECHP000003
R6181 10
IC6151 C0ZBZ0001324 FET DRIVER
NC
NC
VCC
HIN
NC
LIN
GND
NC
HO
VB
VS
NC
NC
VCC2
Vcom
LO
Q6041 B1JADN000002
R6041 10
R6042 10
R6043 10
R6044 10
R6173 10k
Q6042 B1JADN000002
D6041 B0ECHP000003
D6032 MA2J11100L
L6065 G0ZZ00002183
L6066 G0ZZ00002183
L6067 G0ZZ00002183
L6068 G0ZZ00002183
L6061 G0ZZ00002183
L6062 G0ZZ00002183
L6063 G0ZZ00002183
L6064 G0ZZ00002183
D6062 RF2001T3DFF55
D6061 RF2001T3DFF55
L6085 G0ZZ00002183
L6086 G0ZZ00002183
L6087 G0ZZ00002183
L6088 G0ZZ00002183
D6082 B0HBSN000008
D6081 RF2001T3DFF55
L6081 G0ZZ00002183
L6082 G0ZZ00002183
L6083 G0ZZ00002183
L6084 G0ZZ00002183
D6071 MA3DF30000LZ
D6072 MA3DF30000LZ
R6131 100
L6001 42inch:1.9u 37inch:2.2u
L6002 42inch:1.9u 37inch:2.2u
L6003 42inch:1.9u 37inch:2.2u
L6011 42inch:1.9u 37inch:2.2u
L6012 42inch:1.9u 37inch:2.2u
L6013 42inch:1.9u 37inch:2.2u
D6092 B0ECHP000003
D6091 MA3DF30000LZ
Q6181 B1ABRD000003
Q6182 B1ADRD000001
R6183 10k
R6182 10k
R6051 10
R6052 10
R6053 10
R6054 10
Q6051 B1JADN000002
Q6052 B1JADN000002
D6051 B0ECHP000003
SW2500 K0F162B00002
POWER SW
S1
SS 34
STB_PS
GND
12V
12.0
0
12.0
S-BOARD
TNPA3763AC
TO C2-BOARD (C23)
SS 23
5V
NUEL
UEH
USL
USH
UML
UMH
SS_SOS8
GND
NC
Vda
Vda
5.0
1.7
3.7
0.6
0.5
0.5
0.9
0.4
75.5
75.5
TP17
TP18
TP19
TP20
TP21
TP22
TP23
TP13
TP14
5V
C6241 25V 470u
C6242 16V 1u
R6241 EXB38V470JV
R6242 EXB38V472JV
C6243 50V 0.01u
C6262 160V 100u
IC6241 C0JBAZ000005 BUFFER
1G~
1A1
2Y4
1A2
2Y3
1A3
2Y2
1A4
2Y1
GND
VCC
2G~
1Y1
2A4
1Y2
2A3
1Y3
2A2
1Y4
2A1
L6241 G0ZZ00002183
R6243 47
R6245 47
R6246 4.7k
R6244 4.7k
TP15
TP16
IC6251 C0BBBA000022 COMPARATOR
Q6251 2SD0601A0L
R6257 10k
R6258 2.2k
D6255 MA2J11100L
R6255 1.2k
R6256 1.5k
D6254 MAZ80510LL
C6251 16V 1u
R6251 10k
D6251 MAZ83300ML
D6252 MAZ83300ML
D6253 LNJ301MPUJA (GREEN LED)
R6252 39k
R6253 39k
R6254 8.2k

TH-37/42PV600E, TH-37/42PX600B
SS and S-Board Schematic Diagram

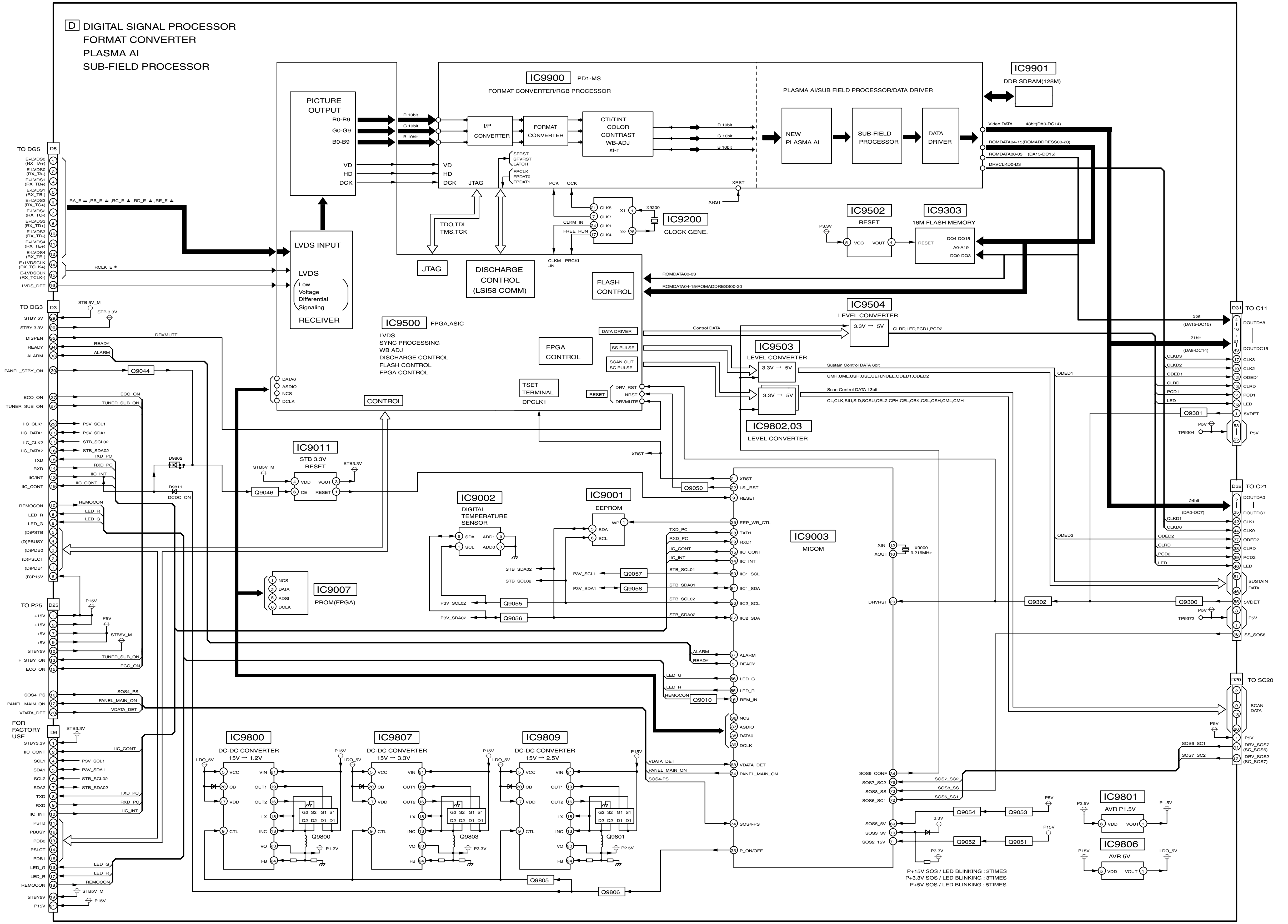

Q6001
B1JADN000001
C6001
630V
5600p
R6001
15
R6002
15
Q6002
B1JADN000001
R6003
15
R6004
15
Q6003
B1JADN000001
R6005
15
R6006
15
D6001
B0HBSN000008
Q6141
B1ABNF000006
D6131
B0ECHP000003
R6157
1
C6201
250V
4u
R6133
150
R6135
10
C6132
25V
4.7u
R6134
150
C6134
25V
4.7u
R6141
10k
R6142
10k
Q6142
B1ADNF000006
D6132
B0ECHP000003
IC6131
C0ZBZ0000895
FET DRIVER
NC
HIN
LIN
GND
HO
VB
VS
VCC
LO
Q6146
2SC5824T100R
C6135
25V
4.7u
R6136
10
R6146
10k
R6147
10k
Q6147
2SA2071T100Q
Q6021
B1JADN000001
C6021
630V
42inch:5600p
37inch:2700p
R6021
15
R6023
15
Q6022
B1JADN000001
C6022
630V
42inch:5600p
37inch:2700p
R6024
15
R6025
15
Q6023
B1JADN000001
R6026
15
R6027
15
D6021
RF2001T3DFF55
D6071
MA3DF30000LZ
R6131
100
R6132
100
L6001
42inch:1.9u
37inch:2.2u
L6002
42inch:1.9u
37inch:2.2u
L6003
42inch:1.9u
37inch:2.2u
L6011
42inch:1.9u
37inch:2.2u
L6012
42inch:1.9u
37inch:2.2u
L6013
42inch:1.9u
37inch:2.2u
ZA6001
K4CD01000011
ZA6002
K4CD01000011
ZA6005
K4CD01000011
R6062
220k
R6061
220k
0-200V
TO
PANEL
SUSTAIN
ELECTRODE
42inch
37inch
SS41
SS41A
SS42
SS42A
SS43
SS43A
SS44
SS44A
SIDE
TERM
C6041
16V
1u
C6042
16V
1u
C6043
16V
1u
C6044
16V
1u
L6103
G0ZZ00002183
TPSS1
IC6191
C0ZBZ0000895
FET DRIVER
R6193
100
C6192
25V
1u
D6191
B0ECHP000003
R6194
100
C6194
25V
4.7u
R6158
1
R6195
100k
R6196
100k
D6192
B0ECHP000003
D6193
B0ECHP000003
R6191
100
R6192
100
C6195
25V
4.7u
R6109
10
Q6105
2SC5824T100R
R6110
10k
R6116
10k
Q6106
2SA2071T100Q
D6101
B0JCME000037
R6101
100
R6102
100
Q6101
B1DFKM000002
L6101
J0JJC0000011
D6104
B0JCME000037
R6107
100
R6108
100
Q6104
H5N2307LSTL-E
L6105
J0JJC0000011
R6103
100
R6104
100
L6102
J0JJC0000011
D6102
B0JCME000037
R6105
100
R6106
100
L6104
J0JJC0000011
D6103
B0JCME000037
Q6102
B1DFKM000002
Q6103
B1DFKM000002
200V
TPVe
D6221
B0ECHP000003
L6221
G0ZZ00002183
Q6221
2SD1263AP0LB
D6222
MA2J11100L
R6020
100
R6022
100
R6222
10k
R6225
20k
R6226
16k
R6227
16k
R6229
16k
R6228
5.6k
R6223
12k
Q6222
2SC3063000RL
D6223
MA2J11100L
C6221
50V
0.1u
VR6000
10k
R6231
0
R6232
1.2k
REF
K
A
IC6221
C0DBEMB00005
VE GEN.
TP24
TP25
TP26
TP27
TP28
TP29
TP30
TP31
TP32
C6214
25V
470u
C6213
25V
470u
D6211
B0JCME000037
C6211
25V
4.7u
IC6211
C0ZBZ0001325
FET DRIVER
Vcc
IN
GND
LO
VB
HO
VS
NC
R6214
150
C6212
25V
4.7u
Q6111
2SK326800L
R6111
47
C6111
220u
200V
C6112
200V
220u
R6213
100
R6113
220k
Q6112
B1DFKM000002
Q6114
B1DFKM000002
R6112
47
L6211
J0JJC0000011
R6114
47
L6212
J0JJC0000011
R6251
10k
D6251
MAZ83300ML
D6252
MAZ83300ML
D6253
LNJ301MPUJA
(GREEN LED)
R6252
39k
R6253
39k
C6251
16V
1u
R6254
8.2k
6254
30510LL
5
6
7
8

TH-37/42PV600E, TH-37/42PX600B
SS and S-Board Schematic Diagram

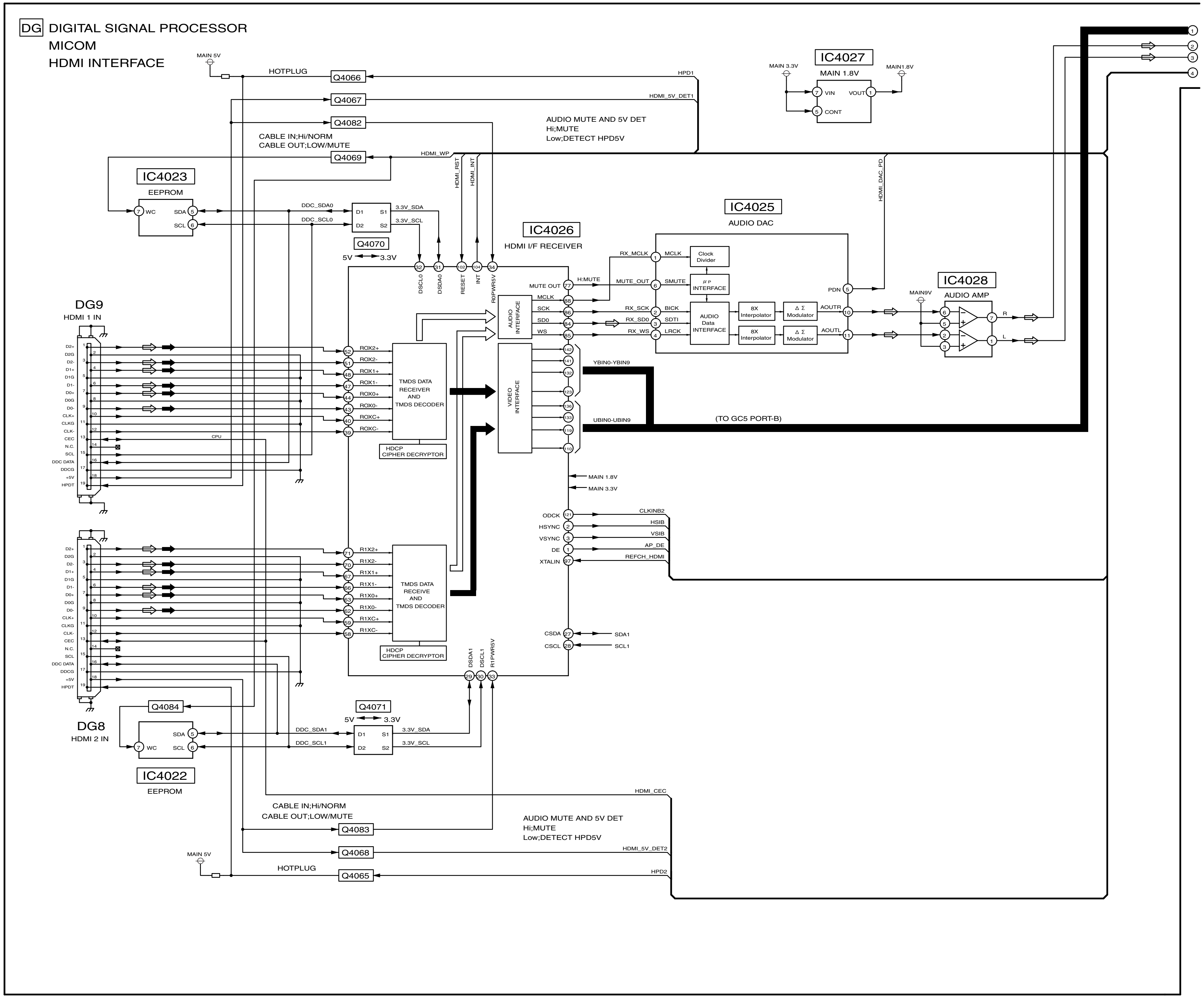

TO D31
C11
DOUTDA8
DOUTDC15
13-35,46-52
LED
PCD1
CLK2
CLK3
CLRD
ODED1
5V
5V
5VDET
41
42
37
39
43
44
1
3
55
DATA
24bit
DA8-DC15
R7115
C1
DATA DRIVE
LOWER RIGHT(FRONT VIEW)
8bit
8bit
8bit
VCC
IC7104
BUFFER
VCC
IC7103
BUFFER
VCC
IC7102
BUFFER
VCC
IC7105
BUFFER
VCC
IC7101
CLK BUFFER
A14-C15
6bit
2bit
A12-C13
4bit
4bit
A10-C11
2bit
6bit
A8-C9
C12
1
6
Vda
Vda
6bit
6bit
CB1
CB2
CB3
CB4
PANEL DATA DRIVER


TO D32
C21
DOUTDA0
DOUTDC7
21
51
CLK0
CLK1
LED
PCD2
CLRD
ODED2
12
14
16
17
18
19
5V
5V
53
55
5VDET
1
SS_SOS8
NUEL
UMH
UML
USH
USL
UEH
10
9
8
7
6
5
4
DATA
24bit
DA0-DC7
R7318
C2
DATA DRIVE
LOWER LEFT
(FRONT VIEW)
C23
TO SS23
NUEL
UEH
USL
USH
UML
UMH
SS_SOS8
2 NUEL
3 UEH
4 USL
5 USH
6 UML
7 UMH
8 SS_SOS8
1 5V
11 Vda
12 Vda
8bit
8bit
8bit
VCC
IC7202
BUFFER
VCC
IC7203
BUFFER
VCC
IC7204
BUFFER
VCC
IC7205
BUFFER
VCC
IC7201
CLK BUFFER
A6-C7
6bit
2bit
A4-C5
4bit
4bit
A2-C3
2bit
6bit
A0-C1
C22
1
6
6bit
6bit
CB5
CB6
CB7
CB8
PANEL DATA DRIVER

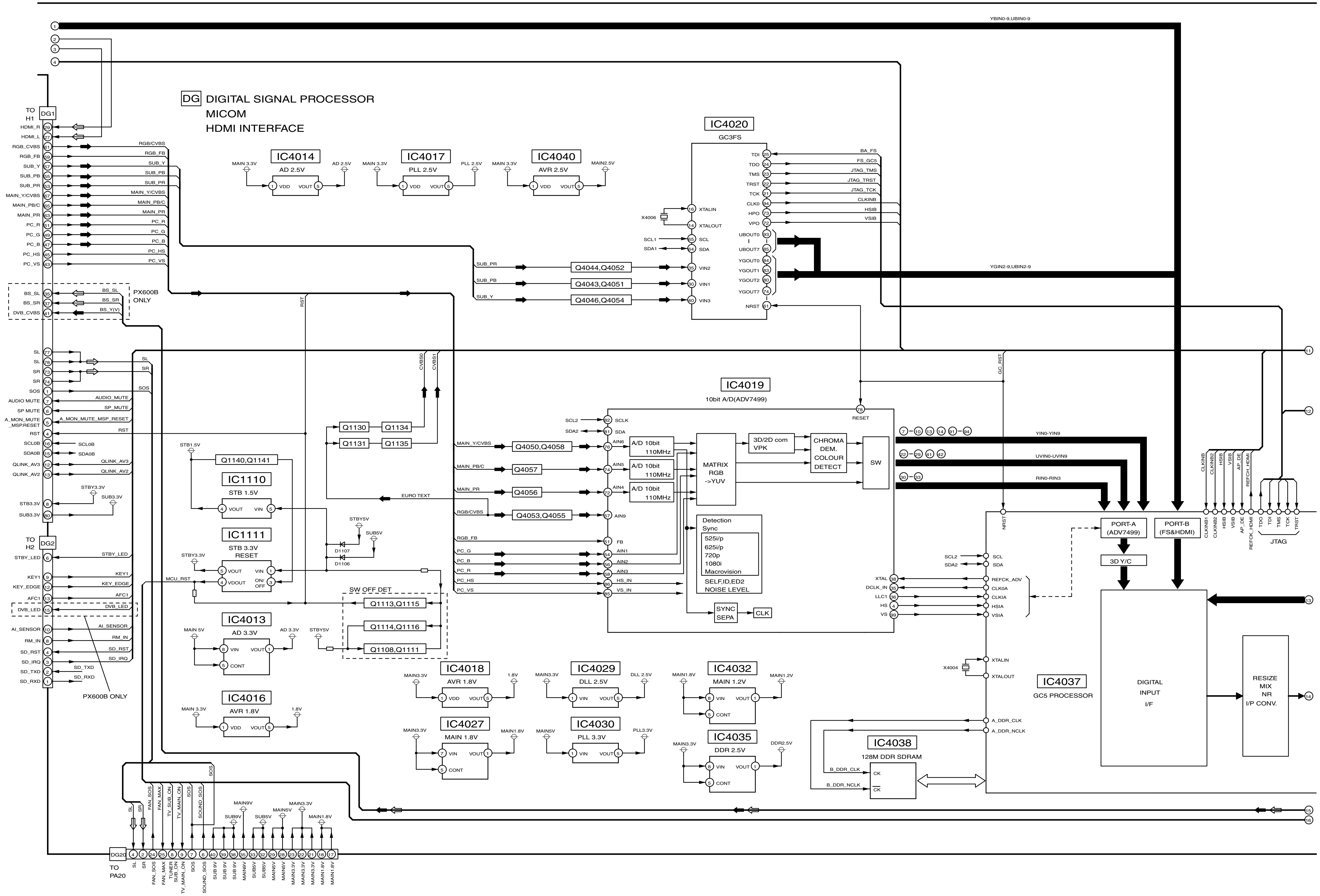
TH-37/42PV600E, TH-37/42PX600B
C1 and C2-Board Block Diagram


D DIGITAL SIGNAL PROCESSOR
FORMAT CONVERTER
PLASMA AI
SUB-FIELD PROCESSOR
IC9900 PD1-MS
FORMAT CONVERTER/RGB PROCESSOR
PLASMA AI/SUB FIELD PROCESSOR/DATA DRIVER
IC9901
DDR SDRAM(128M)
PICTURE OUTPUT
R0-R9
G0-G9
B0-B9
VD
HD
DCK
I/P CONVERTER
FORMAT CONVERTER
CTI/TINT COLOR CONTRAST WB-ADJ st-r
NEW PLASMA AI
SUB-FIELD PROCESSOR
DATA DRIVER
Video DATA 48bit(DA0-DC14)
ROMDATA04-15(ROMADDRESS00-20)
ROMDATA00-03 (DA15-DC15)
DRVCLKD0-D3
JTAG
TDO,TDI TMS,TCK
IC9200
CLOCK GENE.
X9200
IC9502
RESET
IC9303
16M FLASH MEMORY
LVDS INPUT
LVDS (Low Voltage Differential Signaling) RECEIVER
DISCHARGE CONTROL (LSI58 COMM)
FLASH CONTROL
IC9500 FPGA,ASIC
LVDS
SYNC PROCESSING
WB ADJ
DISCHARGE CONTROL
FLASH CONTROL
FPGA CONTROL
FPGA CONTROL
TSET TERMINAL
DPCLK1
CONTROL
IC9504
LEVEL CONVERTER
3.3V → 5V
IC9503
LEVEL CONVERTER
IC9802,03
LEVEL CONVERTER
Sustain Control DATA 6bit
Scan Control DATA 13bit
TO DG5
TO DG3
TO P25
FOR FACTORY USE
TO C11
TO C21
TO SC20
IC9011
STB 3.3V RESET
IC9002
DIGITAL TEMPERATURE SENSOR
IC9001
EEPROM
IC9003
MICOM
X9000 9.216MHz
IC9007
PROM(FPGA)
IC9800
DC-DC CONVERTER 15V → 1.2V
IC9807
DC-DC CONVERTER 15V → 3.3V
IC9809
DC-DC CONVERTER 15V → 2.5V
Q9800
Q9803
Q9801
IC9801
AVR P1.5V
IC9806
AVR 5V
P+15V SOS / LED BLINKING : 2TIMES
P+3.3V SOS / LED BLINKING : 3TIMES
P+5V SOS / LED BLINKING : 5TIMES

TH-37/42PV600E, TH-37/42PX600B
D-Board Block Diagram

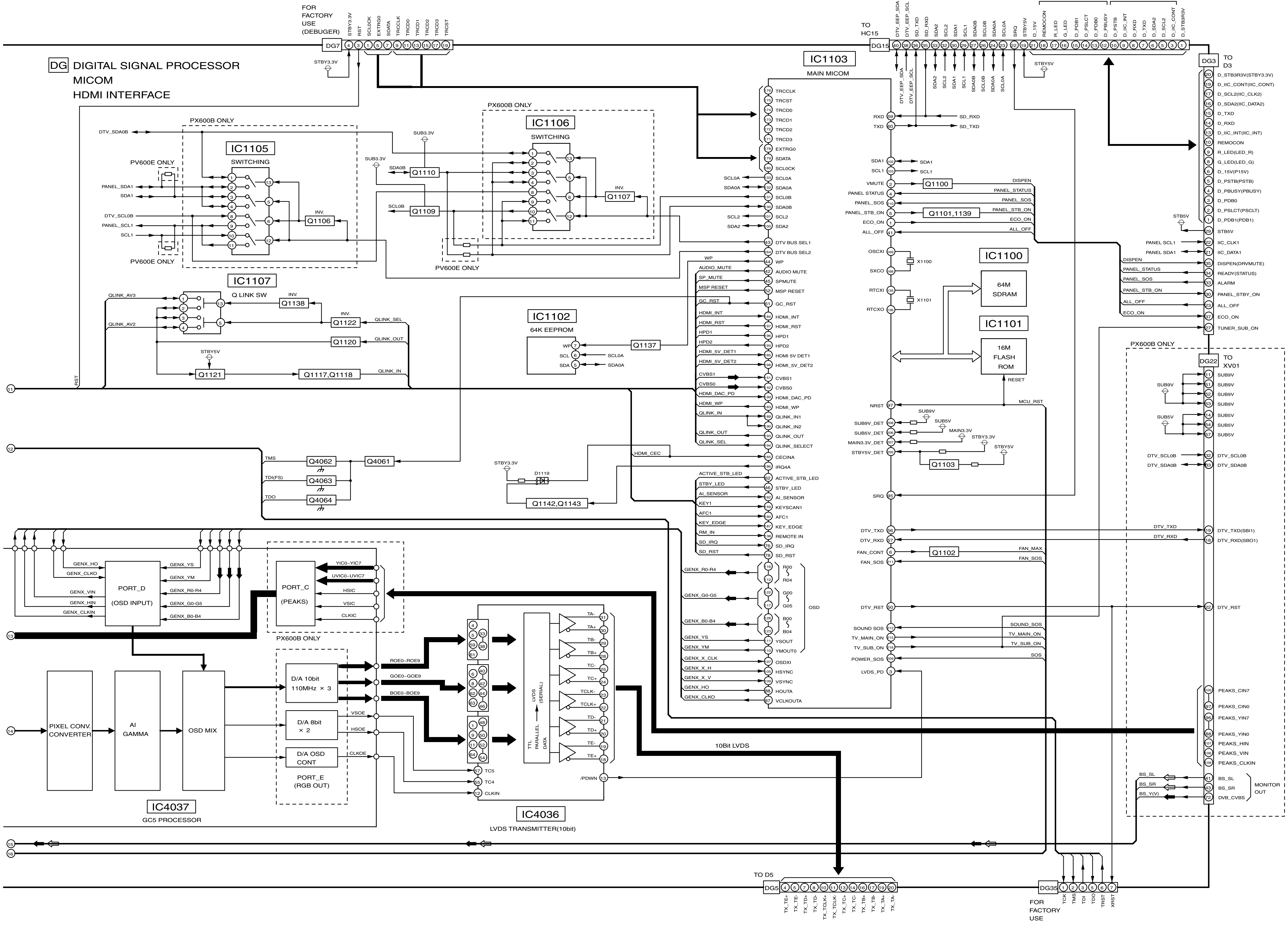

DG DIGITAL SIGNAL PROCESSOR
MICOM
HDMI INTERFACE
MAIN 5V
HOTPLUG
Q4066
HPD1
Q4067
HDMI_5V_DET1
Q4082
AUDIO MUTE AND 5V DET
Hi;MUTE
Low;DETECT HPD5V
CABLE IN;Hi/NORM
CABLE OUT;LOW/MUTE
Q4069
HDMI_WP
HDMI_RST
HDMI_INT
IC4023
EEPROM
WC
SDA
SCL
DDC_SDA0
DDC_SCL0
D1
D2
S1
S2
3.3V_SDA
3.3V_SCL
Q4070
5V
3.3V
DSCL0
DSDA0
RESET
INT
R0PWR5V
IC4026
HDMI I/F RECEIVER
IC4027
MAIN 1.8V
MAIN 3.3V
MAIN1.8V
VIN
VOUT
CONT
HDMI_DAC_PD
IC4025
AUDIO DAC
RX_MCLK
MCLK
Clock Divider
MUTE OUT
H:MUTE
MUTE_OUT
SMUTE
µ P INTERFACE
PDN
SCK
RX_BCK
BICK
SD0
RX_SD0
SDTI
WS
RX_WS
LRCK
AUDIO INTERFACE
AUDIO Data INTERFACE
8X Interpolator
Δ Σ Modulator
AOUTR
AOUTL
IC4028
AUDIO AMP
MAIN9V
R
L
DG9
HDMI 1 IN
D2+
D2G
D2-
D1+
D1G
D1-
D0+
D0G
D0-
CLK+
CLKG
CLK-
CEC
N.C.
SCL
DDC DATA
DDCG
+5V
HPDT
CPU
R0X2+
R0X2-
R0X1+
R0X1-
R0X0+
R0X0-
R0XC+
R0XC-
TMDS DATA RECEIVER AND TMDS DECODER
HDCP CIPHER DECRYPTOR
VIDEO INTERFACE
YBIN0-YBIN9
UBIN0-UBIN9
(TO GC5 PORT-B)
MAIN 1.8V
MAIN 3.3V
ODCK
HSYNC
VSYNC
DE
XTALIN
CLKINB2
HSIB
VSIB
AP_DE
REFCH_HDMI
R1X2+
R1X2-
R1X1+
R1X1-
R1X0+
R1X0-
R1XC+
R1XC-
TMDS DATA RECEIVE AND TMDS DECODER
CSDA
CSCL
SDA1
SCL1
DSDA1
DSCL1
R1PWR5V
Q4084
DG8
HDMI 2 IN
Q4071
DDC_SDA1
DDC_SCL1
IC4022
EEPROM
HDMI_CEC
Q4083
Q4068
HDMI_5V_DET2
Q4065
HPD2
1
2
3
4

TH-37/42PV600E, TH-37/42PX600B
DG-Board (1 of 3) Block Diagram


DG DIGITAL SIGNAL PROCESSOR
MICOM
HDMI INTERFACE
TO H1
DG1
TO H2
DG2
TO PA20
DG20
PX600B ONLY
IC4014
AD 2.5V
IC4017
PLL 2.5V
IC4040
AVR 2.5V
IC4020
GC3FS
IC4019
10bit A/D(ADV7499)
IC1110
STB 1.5V
IC1111
STB 3.3V
RESET
IC4013
AD 3.3V
IC4016
AVR 1.8V
IC4018
AVR 1.8V
IC4027
MAIN 1.8V
IC4029
DLL 2.5V
IC4030
PLL 3.3V
IC4032
MAIN 1.2V
IC4035
DDR 2.5V
IC4038
128M DDR SDRAM
IC4037
GC5 PROCESSOR
Q4044,Q4052
Q4043,Q4051
Q4046,Q4054
Q4050,Q4058
Q4057
Q4056
Q4053,Q4055
Q1130
Q1134
Q1131
Q1135
Q1140,Q1141
SW OFF DET
Q1113,Q1115
Q1114,Q1116
Q1108,Q1111
A/D 10bit 110MHz
MATRIX RGB ->YUV
3D/2D com VPK
CHROMA DEM. COLOUR DETECT
SW
Detection Sync
525i/p
625i/p
720p
1080i
Macrovision
SELF,ID,ED2
NOISE LEVEL
SYNC SEPA
CLK
PORT-A (ADV7499)
PORT-B (FS&HDMI)
3D Y/C
DIGITAL INPUT I/F
RESIZE MIX NR I/P CONV.
JTAG
YBIN0-9,UBIN0-9
YGIN2-9,UBIN2-9
YIN0-YIN9
UVIN0-UVIN9
RIN0-RIN3
HDMI_R
HDMI_L
RGB_CVBS
RGB_FB
SUB_Y
SUB_PB
SUB_PR
MAIN_Y/CVBS
MAIN_PB/C
MAIN_PR
PC_R
PC_G
PC_B
PC_HS
PC_VS
BS_SL
BS_SR
DVB_CVBS
SL
SR
SOS
AUDIO MUTE
SP MUTE
A_MON_MUTE _MSP.RESET
RST
SCL0B
SDA0B
QLINK_AV3
QLINK_AV2
STB3.3V
SUB3.3V
STBY_LED
KEY1
KEY_EDGE
AFC1
DVB_LED
AI_SENSOR
RM_IN
SD_RST
SD_IRQ
SD_TXD
SD_RXD
MCU_RST
EURO TEXT
CVBS0
CVBS1
GC_RST
NRST
X4006
X4004
D1107
D1106
FAN_SOS
FAN_MAX
TUNER SUB_ON
TV_MAIN_ON
SOUND_SOS
SUB 9V
MAIN9V
SUB5V
MAIN5V
MAIN3.3V
MAIN1.8V

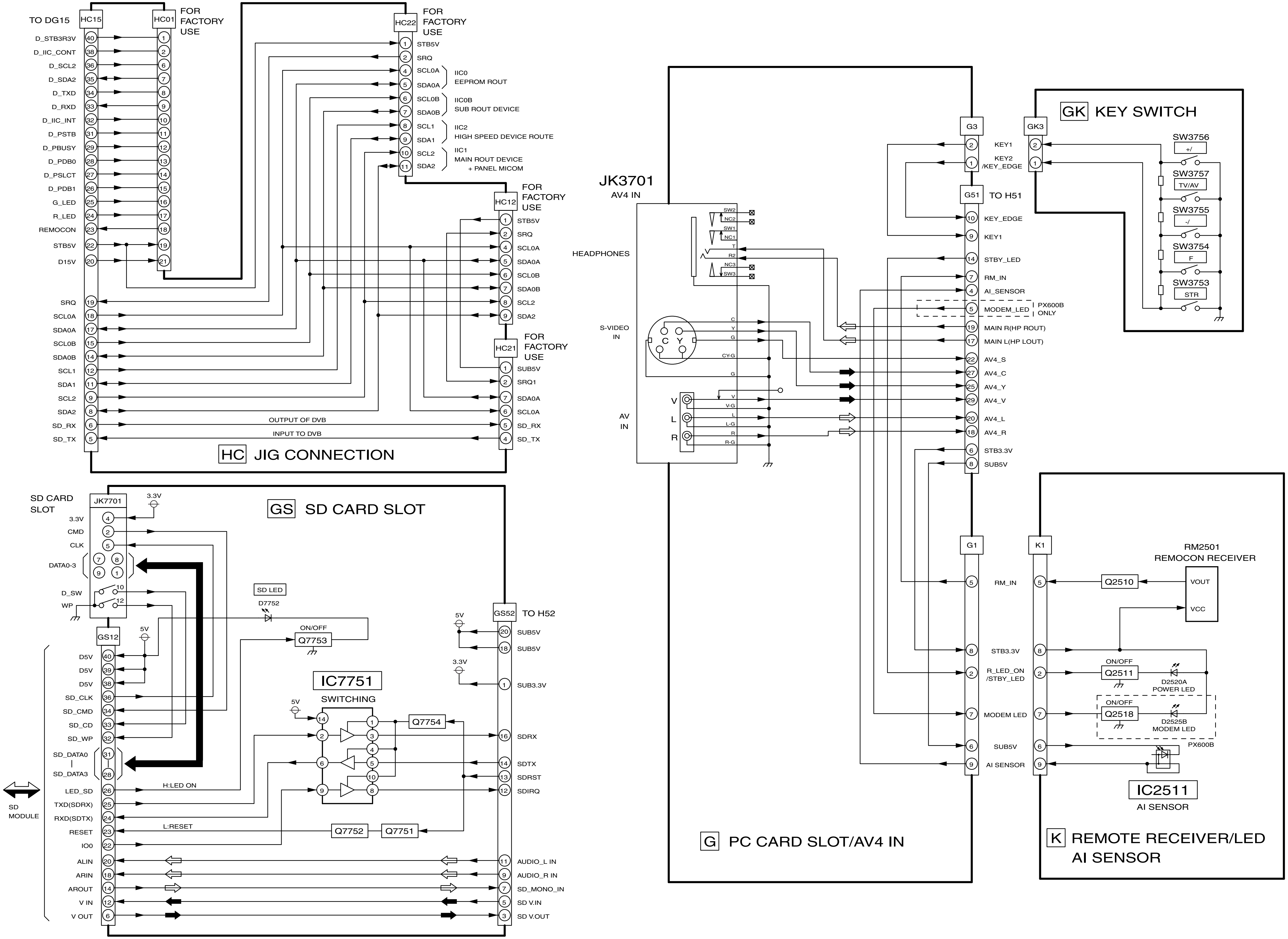
TH-37/42PV600E, TH-37/42PX600B
DG-Board (2 of 3) Block Diagram

TH-37/42PV600E, TH-37/42PX600B
DG-Board (2 of 3) Block Diagram


DG DIGITAL SIGNAL PROCESSOR
MICOM
HDMI INTERFACE
FOR FACTORY USE (DEBUGER)
DG7
STBY3.3V
RST
SCLOCK
EXTRG0
SDATA
TRCCLK
TRCD0
TRCD1
TRCD2
TRCD3
TRCST
TO HC15
DG15
DTV_EEP_SDA
DTV_EEP_SCL
SD_TXD
SD_RXD
SDA2
SCL2
SDA1
SCL1
SDA0B
SCL0B
SDA0A
SCL0A
SRQ
STBY5V
D_15V
REMOCON
R_LED
G_LED
D_PDB1
D_PSLCT
D_PDB0
D_PBUSY
D_PSTB
D_IIC_INT
D_RXD
D_TXD
D_SDA2
D_SCL2
D_IIC_CONT
D_STB3R3V
FOR ROM(D-BOARD)
FOR IIC/SERIAL
TO D3
DG3
IC1103
MAIN MICOM
PX600B ONLY
IC1106
SWITCHING
IC1105
SWITCHING
PV600E ONLY
DTV_SDA0B
PANEL_SDA1
SDA1
DTV_SCL0B
PANEL_SCL1
SCL1
Q1106
INV.
Q1110
Q1109
Q1107
SUB3.3V
SDA0B
SCL0B
IC1107
Q LINK SW
QLINK_AV3
QLINK_AV2
Q1138
Q1122
Q1120
Q1121
Q1117,Q1118
QLINK_SEL
QLINK_OUT
QLINK_IN
STBY5V
IC1102
64K EEPROM
WP
SCL
SDA
SCL0A
SDA0A
Q1137
TMS
TDI(FS)
TDO
Q4062
Q4063
Q4064
Q4061
STBY3.3V
D1119
Q1142,Q1143
HDMI_CEC
IC1100
64M SDRAM
IC1101
16M FLASH ROM
RESET
MCU_RST
X1100
X1101
RXD
TXD
VMUTE
PANEL STATUS
PANEL_SOS
PANEL_STB_ON
ECO_ON
ALL_OFF
Q1100
Q1101,1139
DISPEN
OSCXI
SXCO
RTCXI
RTCXO
NRST
SUB9V_DET
SUB5V_DET
MAIN3.3V_DET
STBY5V_DET
Q1103
SRQ
DTV_TXD
DTV_RXD
FAN_CONT
FAN_SOS
Q1102
FAN_MAX
DTV_RST
SOUND SOS
TV_MAIN_ON
TV_SUB_ON
POWER_SOS
LVDS_PD
D_STB3R3V(STBY3.3V)
D_IIC_CONT(IIC_CONT)
D_SCL2(IIC_CLK2)
D_SDA2(IIC_DATA2)
D_TXD
D_RXD
D_IIC_INT(IIC_INT)
REMOCON
R_LED(LED_R)
G_LED(LED_G)
D_15V(P15V)
D_PSTB(PSTB)
D_PBUSY(PBUSY)
D_PDB0
D_PSLCT(PSCLT)
D_PDB1(PDB1)
STB5V
IIC_CLK1
IIC_DATA1
DISPEN(DRVMUTE)
READY(STATUS)
ALARM
PANEL_STBY_ON
ALL_OFF
ECO_ON
TUNER_SUB_ON
PX600B ONLY
TO XV01
DG22
SUB9V
SUB5V
DTV_SCL0B
DTV_SDA0B
DTV_TXD(SBI1)
DTV_RXD(SBO1)
DTV_RST
PEAKS_CIN7
PEAKS_CIN0
PEAKS_YIN7
PEAKS_YIN0
PEAKS_HIN
PEAKS_VIN
PEAKS_CLKIN
BS_SL
BS_SR
BS_Y(V)
DVB_CVBS
MONITOR OUT
TRCCLK
TRCST
TRCD0
TRCD1
TRCD2
TRCD3
EXTRG0
SDATA
SCLOCK
SCL0A
SDA0A
SCL0B
SDA0B
SCL2
SDA2
DTV BUS SEL1
DTV BUS SEL2
WP
AUDIO MUTE
SPMUTE
MSP RESET
GC_RST
HDMI_INT
HDMI_RST
HPD1
HPD2
HDMI 5V DET1
HDMI_5V_DET2
CVBS1
CVBS0
HDMI_DAC_PD
HDMI_WP
QLINK_IN1
QLINK_IN2
QLINK_OUT
QLINK_SELECT
CECINA
IRQ4A
ACTIVE_STB_LED
STBY_LED
AI_SENSOR
KEYSCAN1
AFC1
KEY_EDGE
REMOTE IN
SD_IRQ
SD_RST
GENX_R0-R4
GENX_G0-G5
GENX_B0-B4
GENX_YS
GENX_YM
GENX_X_CLK
GENX_X_H
GENX_X_V
GENX_HO
GENX_CLKO
R00 R04
G00 G05
B00 B04
YSOUT
YMOUT0
OSDXI
HSYNC
VSYNC
HOUTA
VCLKOUTA
OSD
GENX_HO
GENX_CLKO
GENX_VIN
GENX_HIN
GENX_CLKIN
PORT_D
(OSD INPUT)
GENX_YS
GENX_YM
GENX_R0-R4
GENX_G0-G5
GENX_B0-B4
PORT_C
(PEAKS)
YIC0~YIC7
UVIC0~UVIC7
HSIC
VSIC
CLKIC
PX600B ONLY
PIXEL CONV. CONVERTER
AI GAMMA
OSD MIX
D/A 10bit 110MHz × 3
D/A 8bit × 2
D/A OSD CONT
PORT_E (RGB OUT)
VSOE
HSOE
CLKOE
ROE0~ROE9
GOE0~GOE9
BOE0~BOE9
IC4037
GC5 PROCESSOR
LVDS (SERIAL)
TTL PARALLEL DATA
TA-
TA+
TB-
TB+
TC-
TC+
TCLK-
TCLK+
TD-
TD+
TE-
TE+
TC5
TC4
CLKIN
/PDWN
IC4036
LVDS TRANSMITTER(10bit)
10Bit LVDS
TO D5
DG5
TX_TE+
TX_TE-
TX_TD+
TX_TD-
TX_TCLK+
TX_TCLK-
TX_TC+
TX_TC-
TX_TB+
TX_TB-
TX_TA+
TX_TA-
DG35
FOR FACTORY USE
TCK
TMS
TDI
TDO
TRST
XRST

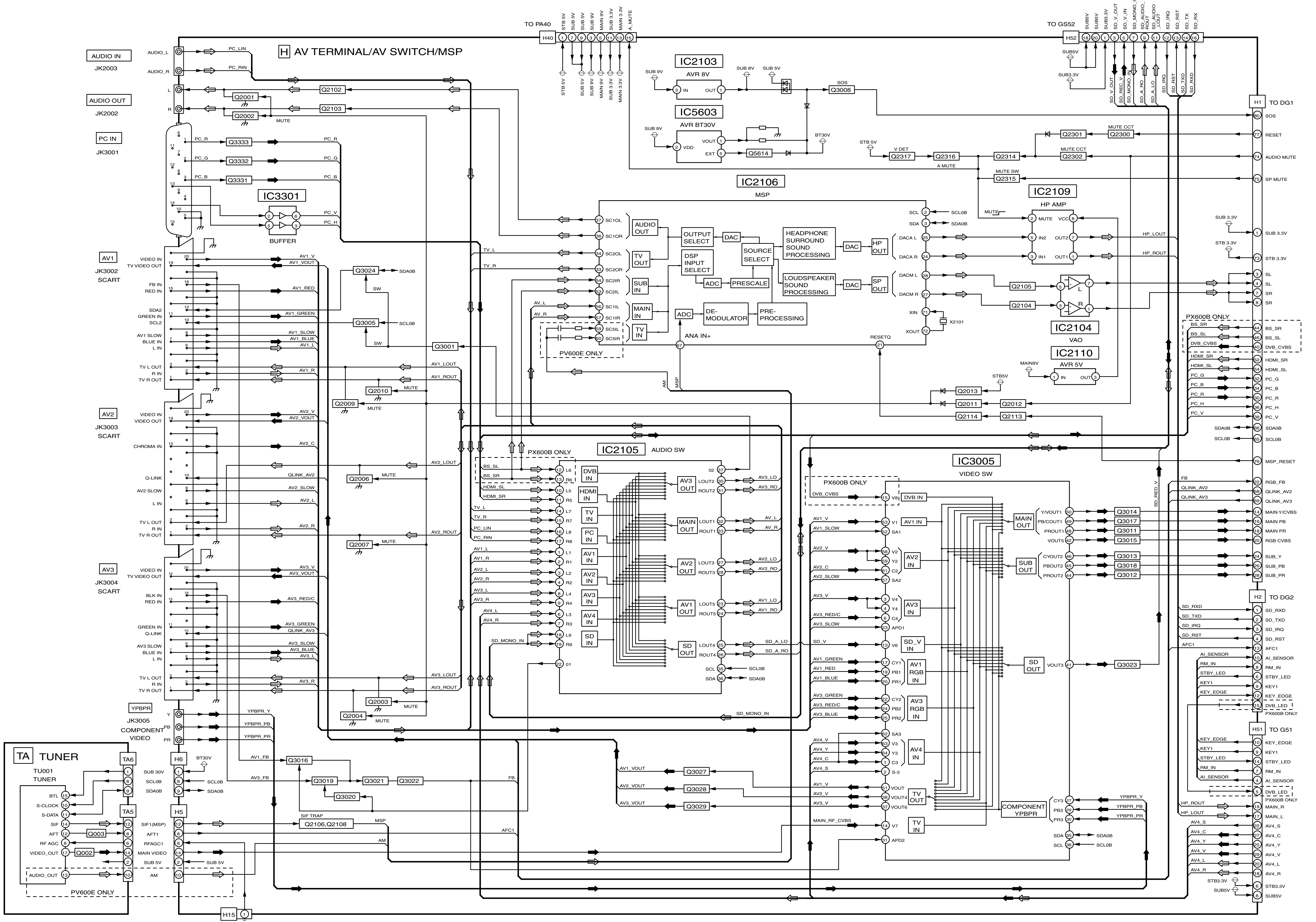
TH-37/42PV600E, TH-37/42PX600B
DG-Board (3 of 3) Block Diagram

TH-37/42PV600E, TH-37/42PX600B
DG-Board (3 of 3) Block Diagram


TO DG15
HC15
HC01
FOR FACTORY USE
D_STB3R3V 40 1
D_IIC_CONT 38 2
D_SCL2 36 6
D_SDA2 35 7
D_TXD 34 8
D_RXD 33 9
D_IIC_INT 32 10
D_PSTB 31 11
D_PBUSY 29 12
D_PDB0 28 13
D_PSLCT 27 14
D_PDB1 26 15
G_LED 25 16
R_LED 24 17
REMOCON 23 18
STB5V 22 19
D15V 20 21
SRQ 19
SCL0A 18
SDA0A 17
SCL0B 15
SDA0B 14
SCL1 12
SDA1 11
SCL2 9
SDA2 8
SD_RX 6
SD_TX 5
HC22
FOR FACTORY USE
1 STB5V
2 SRQ
4 SCL0A
5 SDA0A
IIC0 EEPROM ROUT
6 SCL0B
7 SDA0B
IIC0B SUB ROUT DEVICE
8 SCL1
9 SDA1
IIC2 HIGH SPEED DEVICE ROUTE
10 SCL2
11 SDA2
IIC1 MAIN ROUT DEVICE + PANEL MICOM
HC12
FOR FACTORY USE
1 STB5V
2 SRQ
4 SCL0A
5 SDA0A
6 SCL0B
7 SDA0B
8 SCL2
9 SDA2
HC21
FOR FACTORY USE
1 SUB5V
2 SRQ1
7 SDA0A
6 SCL0A
5 SD_RX
4 SD_TX
OUTPUT OF DVB
INPUT TO DVB
HC JIG CONNECTION
SD CARD SLOT
JK7701
3.3V
3.3V 4
CMD 2
CLK 5
DATA0-3 7 8 9 1
D_SW 10
WP 12
GS SD CARD SLOT
SD LED
D7752
ON/OFF
Q7753
5V
GS12
D5V 40
D5V 39
D5V 38
SD_CLK 36
SD_CMD 34
SD_CD 33
SD_WP 32
SD_DATA0 | SD_DATA3 31 28
LED_SD 26
TXD(SDRX) 25
RXD(SDTX) 24
RESET 23
IO0 22
ALIN 20
ARIN 18
AROUT 14
V IN 12
V OUT 6
SD MODULE
IC7751
SWITCHING
5V
14 1 2 3 4 5 6 10 9 8
Q7754
H:LED ON
L:RESET
Q7752
Q7751
GS52
TO H52
5V
20 SUB5V
18 SUB5V
3.3V
1 SUB3.3V
16 SDRX
14 SDTX
13 SDRST
12 SDIRQ
11 AUDIO_L IN
9 AUDIO_R IN
7 SD_MONO_IN
5 SD V.IN
3 SD V.OUT
JK3701
AV4 IN
HEADPHONES
SW2
NC2
SW1
NC1
T
R2
NC3
SW3
S-VIDEO IN
C Y
C
Y
G
CY-G
G
AV IN
V
L
R
V
V-G
L
L-G
R
R-G
G3
2 KEY1
1 KEY2 /KEY_EDGE
G51
TO H51
10 KEY_EDGE
9 KEY1
14 STBY_LED
7 RM_IN
4 AI_SENSOR
5 MODEM_LED
PX600B ONLY
19 MAIN R(HP ROUT)
17 MAIN L(HP LOUT)
22 AV4_S
27 AV4_C
25 AV4_Y
29 AV4_V
20 AV4_L
18 AV4_R
6 STB3.3V
8 SUB5V
G1
5 RM_IN
8 STB3.3V
2 R_LED_ON /STBY_LED
7 MODEM LED
6 SUB5V
9 AI SENSOR
G PC CARD SLOT/AV4 IN
GK KEY SWITCH
GK3
2
1
SW3756 +/
SW3757 TV/AV
SW3755 -/
SW3754 F
SW3753 STR
K1
5 8 2 7 6 9
Q2510
RM2501 REMOCON RECEIVER
VOUT
VCC
ON/OFF
Q2511
D2520A POWER LED
ON/OFF
Q2518
D2525B MODEM LED
PX600B
IC2511
AI SENSOR
K REMOTE RECEIVER/LED AI SENSOR

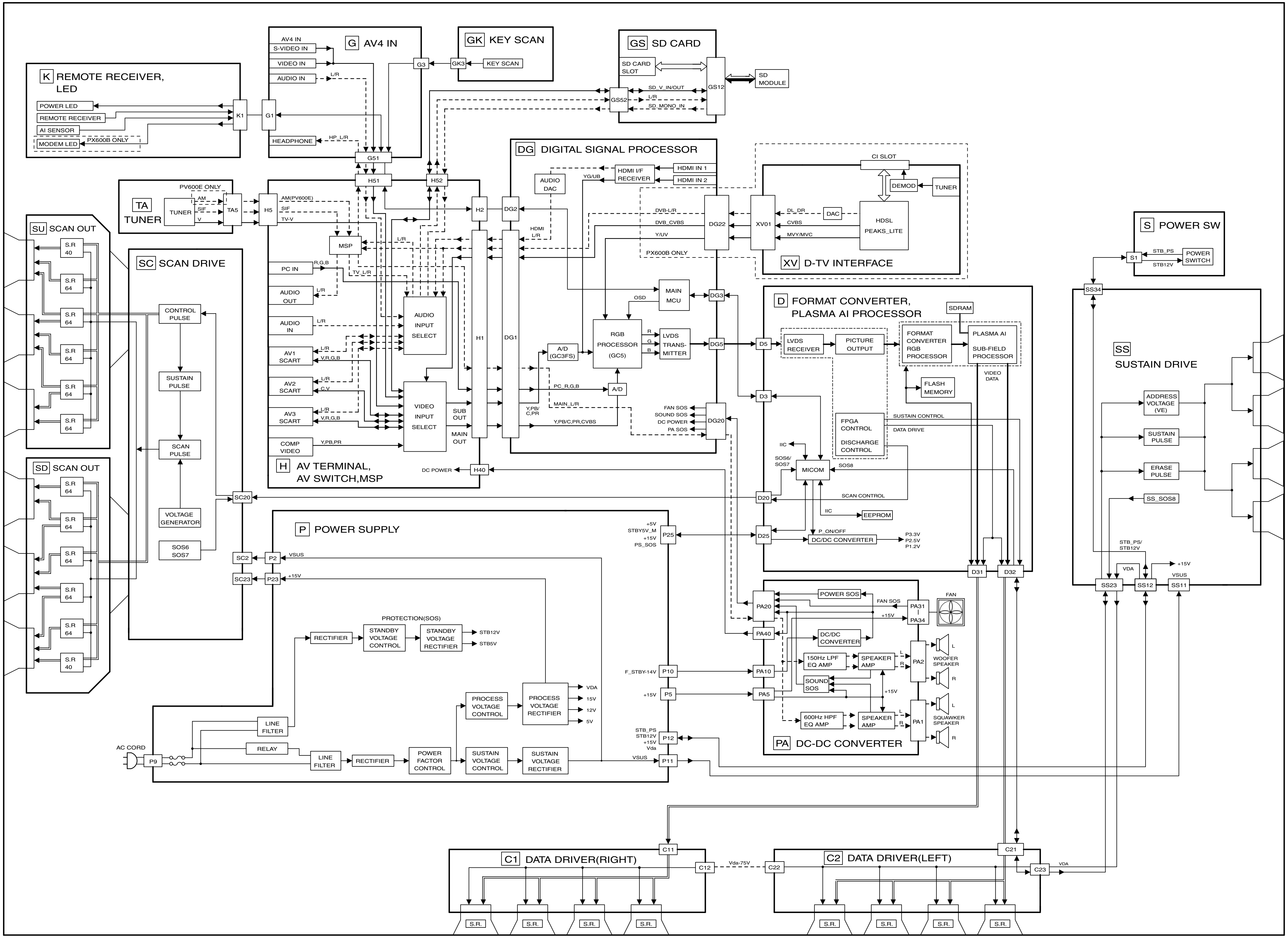
TH-37/42PV600E, TH-37/42PX600B
G, GK, GS, HC and K-Board Block Diagram

TH-37/42PV600E, TH-37/42PX600B
G, GK, GS, HC and K-Board Block Diagram

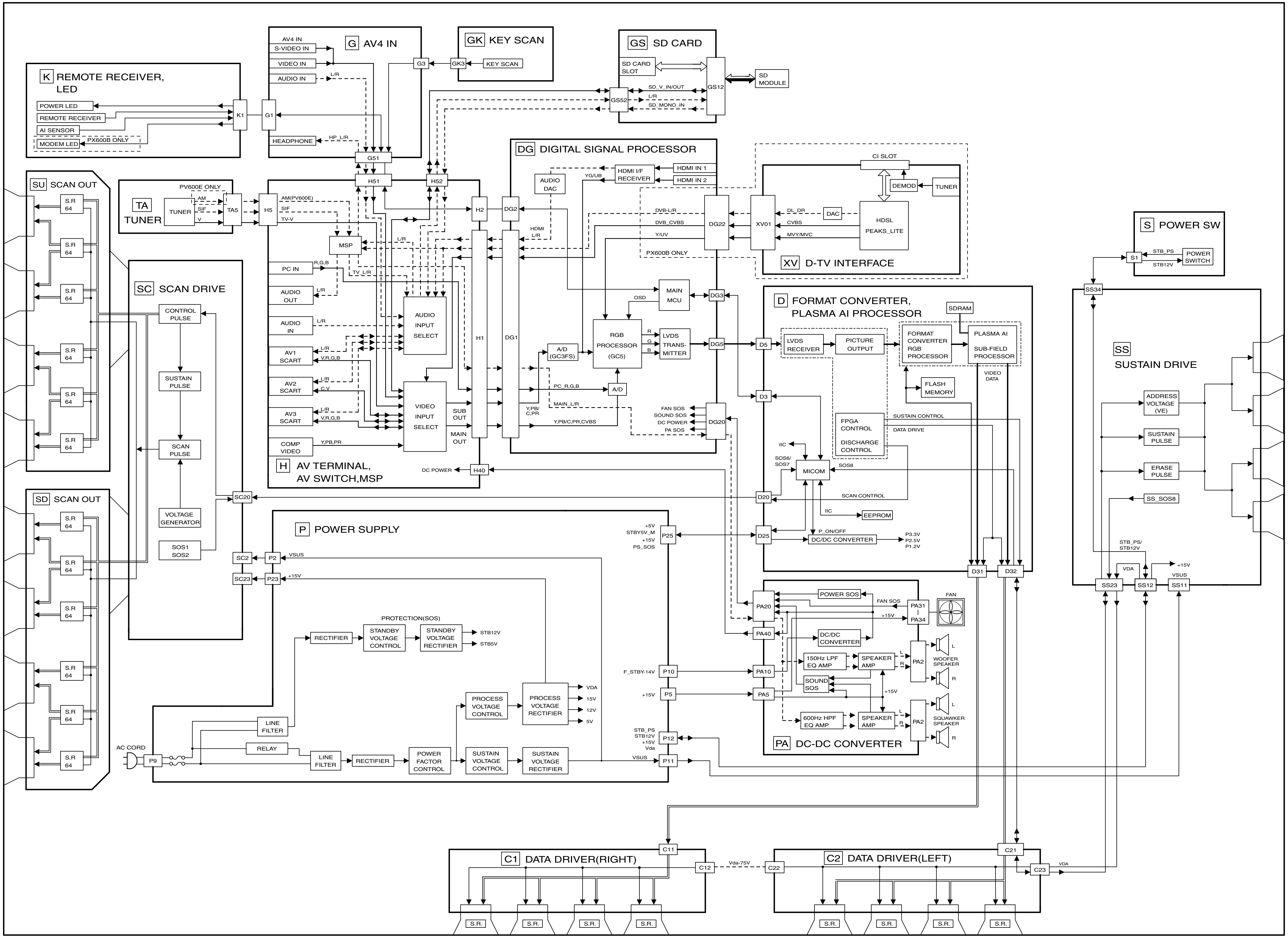

H AV TERMINAL/AV SWITCH/MSP
TO PA40
H40
STB 5V
SUB 5V
SUB 9V
MAIN 9V
SUB 3.3V
MAIN 3.3V
A_MUTE
TO GS52
H52
AUDIO IN
JK2003
AUDIO_L
AUDIO_R
PC_LIN
PC_RIN
AUDIO OUT
JK2002
Q2001
Q2002
Q2102
Q2103
MUTE
PC IN
JK3001
PC_R
PC_G
PC_B
Q3333
Q3332
Q3331
IC3301
BUFFER
PC_V
PC_H
AV1
JK3002
SCART
VIDEO IN
TV VIDEO OUT
FB IN
RED IN
SDA2
GREEN IN
SCL2
AV1 SLOW
BLUE IN
L IN
TV L OUT
R IN
TV R OUT
AV1_V
AV1_VOUT
AV1_RED
AV1_GREEN
AV1_SLOW
AV1_BLUE
AV1_L
AV1_R
AV1_LOUT
AV1_ROUT
Q3024
Q3005
Q3001
Q2010
Q2009
SDA0B
SCL0B
SW
AV2
JK3003
CHROMA IN
Q-LINK
AV2 SLOW
AV2_V
AV2_VOUT
AV2_C
AV2_LOUT
QLINK_AV2
AV2_SLOW
AV2_L
AV2_R
AV2_ROUT
Q2006
Q2007
AV3
JK3004
BLK IN
AV3 SLOW
AV3_V
AV3_VOUT
AV3_RED/C
AV3_GREEN
QLINK_AV3
AV3_SLOW
AV3_BLUE
AV3_L
AV3_R
AV3_LOUT
AV3_ROUT
Q2003
Q2004
YPBPR
JK3005
COMPONENT VIDEO
YPBPR_Y
YPBPR_PB
YPBPR_PR
TA TUNER
TU001 TUNER
TA6
TA5
BTL
S-CLOCK
S-DATA
SIF
AFT
RF AGC
VIDEO_OUT
AUDIO_OUT
Q003
Q002
SUB 30V
SCL0B
SDA0B
SIF1(MSP)
AFT1
RFAGC1
MAIN VIDEO
SUB 5V
AM
PV600E ONLY
H6
H5
H15
AGC1
BT30V
AV1_FB
AV3_FB
Q3016
Q3019
Q3020
Q3021
Q3022
SIF TRAP
Q2106,Q2108
MSP
AFC1
IC2103
AVR 8V
IC5603
AVR BT30V
SUB 9V
SUB 8V
VOUT
VDD
EXT
Q5614
SOS
Q3008
IC2106
MSP
SC1OL
SC1OR
SC2OL
SC2OR
SC2IR
SC2IL
SC1IL
SC1IR
SC5IL
SC5IR
AUDIO OUT
TV OUT
SUB IN
MAIN IN
TV IN
OUTPUT SELECT
DAC
DSP INPUT SELECT
ADC
PRESCALE
SOURCE SELECT
HEADPHONE SURROUND SOUND PROCESSING
LOUDSPEAKER SOUND PROCESSING
HP OUT
SP OUT
DE-MODULATOR
PRE-PROCESSING
ANA IN+
SCL
SDA
DACA L
DACA R
DACM L
DACM R
XIN
XOUT
X2101
RESETQ
AM
IC2109
HP AMP
IC2104
VAO
IC2110
AVR 5V
MAIN9V
STB5V
Q2301
Q2300
MUTE CCT
V DET
Q2317
Q2316
Q2314
Q2302
A MUTE
MUTE SW
Q2315
Q2105
Q2104
Q2013
Q2011
Q2012
Q2114
Q2113
IC2105
AUDIO SW
PX600B ONLY
BS_SL
BS_SR
HDMI_SL
HDMI_SR
TV_L
TV_R
PC_LIN
PC_RIN
AV4_L
AV4_R
SD_MONO_IN
DVB IN
HDMI IN
TV IN
PC IN
AV1 IN
AV2 IN
AV3 IN
AV4 IN
SD IN
AV3 OUT
MAIN OUT
AV2 OUT
AV1 OUT
SD OUT
AV3_LO
AV3_RO
AV_L
AV_R
AV2_LO
AV2_RO
AV1_LO
AV1_RO
SD_A_LO
SD_A_RO
IC3005
VIDEO SW
DVB_CVBS
AV1_V
AV1_SLOW
AV2_V
AV2_C
AV2_SLOW
AV3_V
AV3_RED/C
AV3_SLOW
SD_V
AV1_GREEN
AV1_RED
AV1_BLUE
AV3_GREEN
AV3_RED/C
AV3_BLUE
AV4_V
AV4_Y
AV4_C
AV4_S
AV1_VOUT
AV2_VOUT
AV3_VOUT
Q3027
Q3028
Q3029
MAIN_RF_CVBS
SD_V IN
AV1 RGB IN
AV3 RGB IN
TV OUT
COMPONENT YPBPR
MAIN OUT
SUB OUT
SD OUT
Q3014
Q3017
Q3011
Q3015
Q3013
Q3018
Q3012
Q3023
H1
TO DG1
SOS
RESET
AUDIO MUTE
SP MUTE
SUB 3.3V
STB 3.3V
SL
SR
BS_SR
BS_SL
DVB_CVBS
HDMI_SR
HDMI_SL
PC_G
PC_B
PC_R
PC_H
PC_V
MSP_RESET
RGB_FB
QLINK_AV2
QLINK_AV3
MAIN Y/CVBS
MAIN PB
MAIN PR
RGB CVBS
SUB_Y
SUB_PB
SUB_PR
H2
TO DG2
SD_RXD
SD_TXD
SD_IRQ
SD_RST
AFC1
AI_SENSOR
RM_IN
STBY_LED
KEY1
KEY_EDGE
DVB_LED
PX600B ONLY
H51
TO G51
HP_ROUT
HP_LOUT
MAIN_R
MAIN_L
AV4_S
AV4_C
AV4_Y
AV4_V
AV4_L
AV4_R
STB3.3V
SUB5V

TH-37/42PV600E, TH-37/42PX600B
H and TA-Board Block Diagram

TH-37/42PV600E, TH-37/42PX600B
H and TA-Board Block Diagram

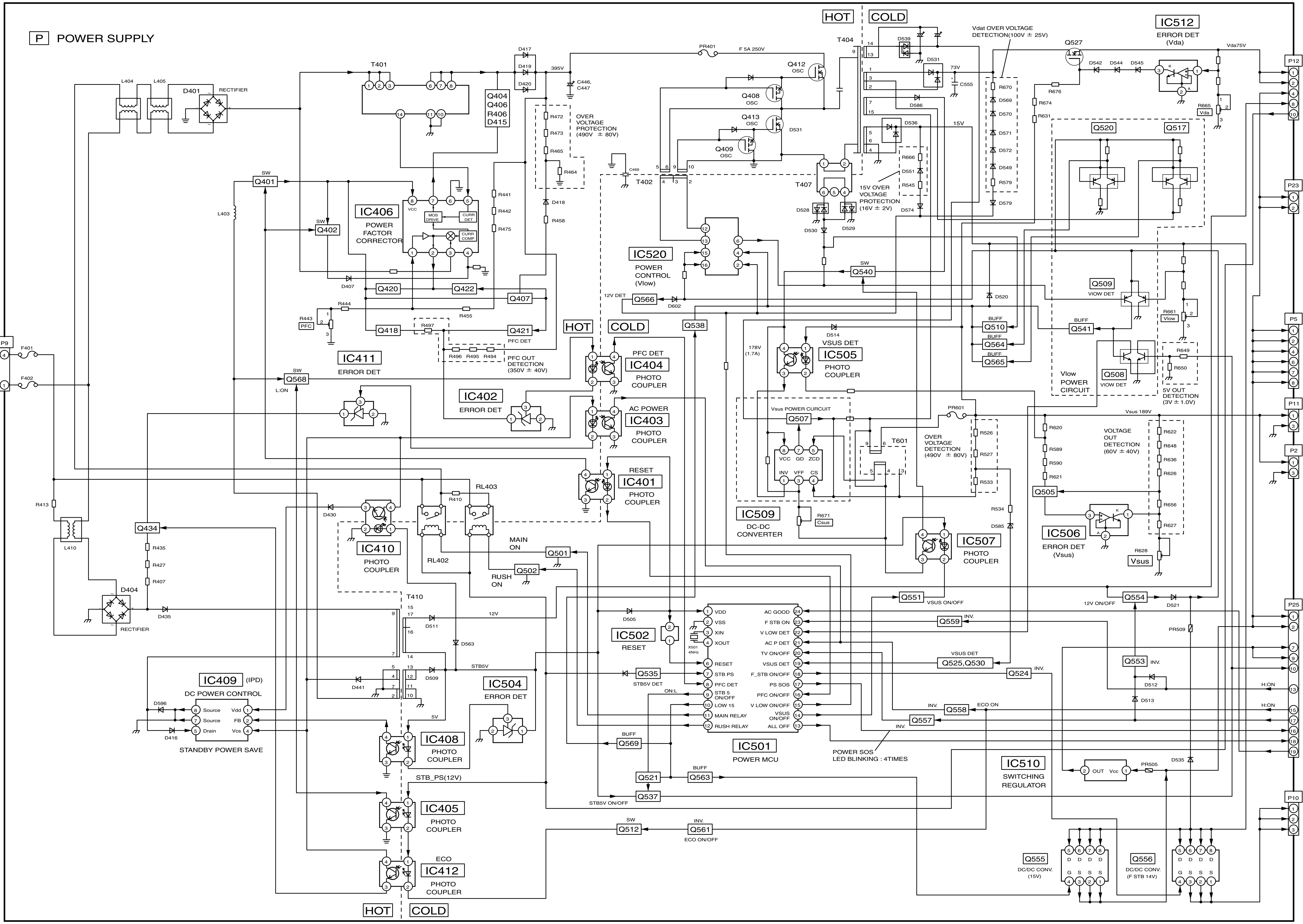

K REMOTE RECEIVER, LED
POWER LED
REMOTE RECEIVER
AI SENSOR
MODEM LED
PX600B ONLY
K1
G1
G AV4 IN
AV4 IN
S-VIDEO IN
VIDEO IN
AUDIO IN
L/R
HEADPHONE
HP_L/R
G3
G51
GK KEY SCAN
GK3
KEY SCAN
GS SD CARD
SD CARD SLOT
GS52
GS12
SD_V_IN/OUT
L/R
SD_MONO_IN
SD MODULE
TA TUNER
PV600E ONLY
TUNER
AM
SIF
V
TA5
H5
AM(PV600E)
SIF
TV-V
H51
H52
H2
MSP
L/R
PC IN
R,G,B
TV_L/R
AUDIO OUT
L/R
AUDIO IN
L/R
AUDIO INPUT SELECT
AV1 SCART
L/R
V,R,G,B
AV2 SCART
L/R
C,V
AV3 SCART
L/R
V,R,G,B
COMP VIDEO
Y,PB,PR
VIDEO INPUT SELECT
SUB OUT
MAIN OUT
H1
H40
DC POWER
H AV TERMINAL, AV SWITCH,MSP
DG DIGITAL SIGNAL PROCESSOR
AUDIO DAC
HDMI I/F RECEIVER
HDMI IN 1
HDMI IN 2
YG/UB
DG2
HDMI L/R
DG1
DG22
DVB-L/R
DVB_CVBS
Y/UV
PX600B ONLY
MAIN MCU
OSD
DG3
A/D (GC3FS)
RGB PROCESSOR (GC5)
R
G
B
LVDS TRANS-MITTER
DG5
PC_R,G,B
A/D
Y,PB/C,PR
MAIN_L/R
Y,PB/C,PR,CVBS
FAN SOS
SOUND SOS
DC POWER
PA SOS
DG20
XV D-TV INTERFACE
CI SLOT
DEMOD
TUNER
XV01
DL_DR
DAC
CVBS
MVY/MVC
HDSL PEAKS_LITE
S POWER SW
S1
STB_PS
STB12V
POWER SWITCH
SS34
D FORMAT CONVERTER, PLASMA AI PROCESSOR
SDRAM
D5
LVDS RECEIVER
PICTURE OUTPUT
FORMAT CONVERTER RGB PROCESSOR
PLASMA AI SUB-FIELD PROCESSOR
VIDEO DATA
FLASH MEMORY
D3
FPGA CONTROL DISCHARGE CONTROL
SUSTAIN CONTROL
DATA DRIVE
IIC
SOS6/ SOS7
MICOM
SOS8
D20
SCAN CONTROL
IIC
EEPROM
D25
P_ON/OFF
DC/DC CONVERTER
P3.3V
P2.5V
P1.2V
D31
D32
SS SUSTAIN DRIVE
ADDRESS VOLTAGE (VE)
SUSTAIN PULSE
ERASE PULSE
SS_SOS8
STB_PS/ STB12V
VDA
+15V
VSUS
SS23
SS12
SS11
SU SCAN OUT
S.R 40
S.R 64
S.R 64
S.R 64
S.R 64
S.R 64
SC SCAN DRIVE
CONTROL PULSE
SUSTAIN PULSE
SCAN PULSE
VOLTAGE GENERATOR
SOS6 SOS7
SC20
SC2
SC23
SD SCAN OUT
S.R 64
S.R 64
S.R 64
S.R 64
S.R 64
S.R 40
P POWER SUPPLY
P2
VSUS
P23
+15V
+5V
STBY5V_M
+15V
PS_SOS
P25
PROTECTION(SOS)
RECTIFIER
STANDBY VOLTAGE CONTROL
STANDBY VOLTAGE RECTIFIER
STB12V
STB5V
PROCESS VOLTAGE CONTROL
PROCESS VOLTAGE RECTIFIER
VDA
15V
12V
5V
F_STBY-14V
P10
+15V
P5
LINE FILTER
RELAY
AC CORD
P9
LINE FILTER
RECTIFIER
POWER FACTOR CONTROL
SUSTAIN VOLTAGE CONTROL
SUSTAIN VOLTAGE RECTIFIER
VSUS
STB_PS
STB12V
+15V
Vda
P12
P11
PA DC-DC CONVERTER
POWER SOS
PA20
FAN SOS
PA31 | PA34
+15V
FAN
PA40
DC/DC CONVERTER
PA10
150Hz LPF EQ AMP
SPEAKER AMP
L
R
PA2
L
WOOFER SPEAKER
R
SOUND SOS
PA5
+15V
600Hz HPF EQ AMP
SPEAKER AMP
L
R
PA1
L
SQUAWKER SPEAKER
R
C1 DATA DRIVER(RIGHT)
C11
C12
Vda-75V
S.R.
S.R.
S.R.
S.R.
C2 DATA DRIVER(LEFT)
C22
C21
C23
VDA
S.R.
S.R.
S.R.
S.R.

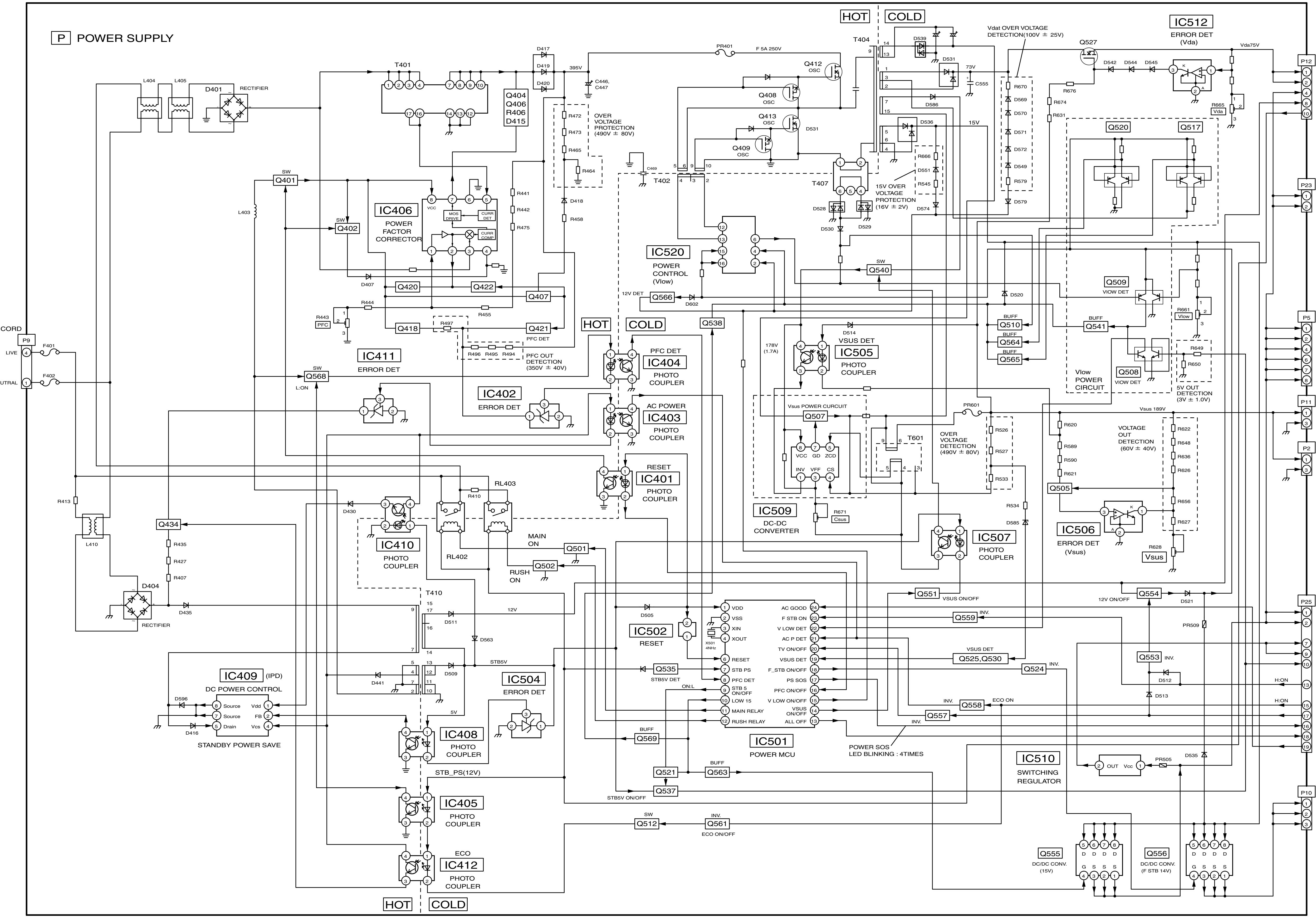
TH-37PV600E, TH-37PX600B
Main Block Diagram

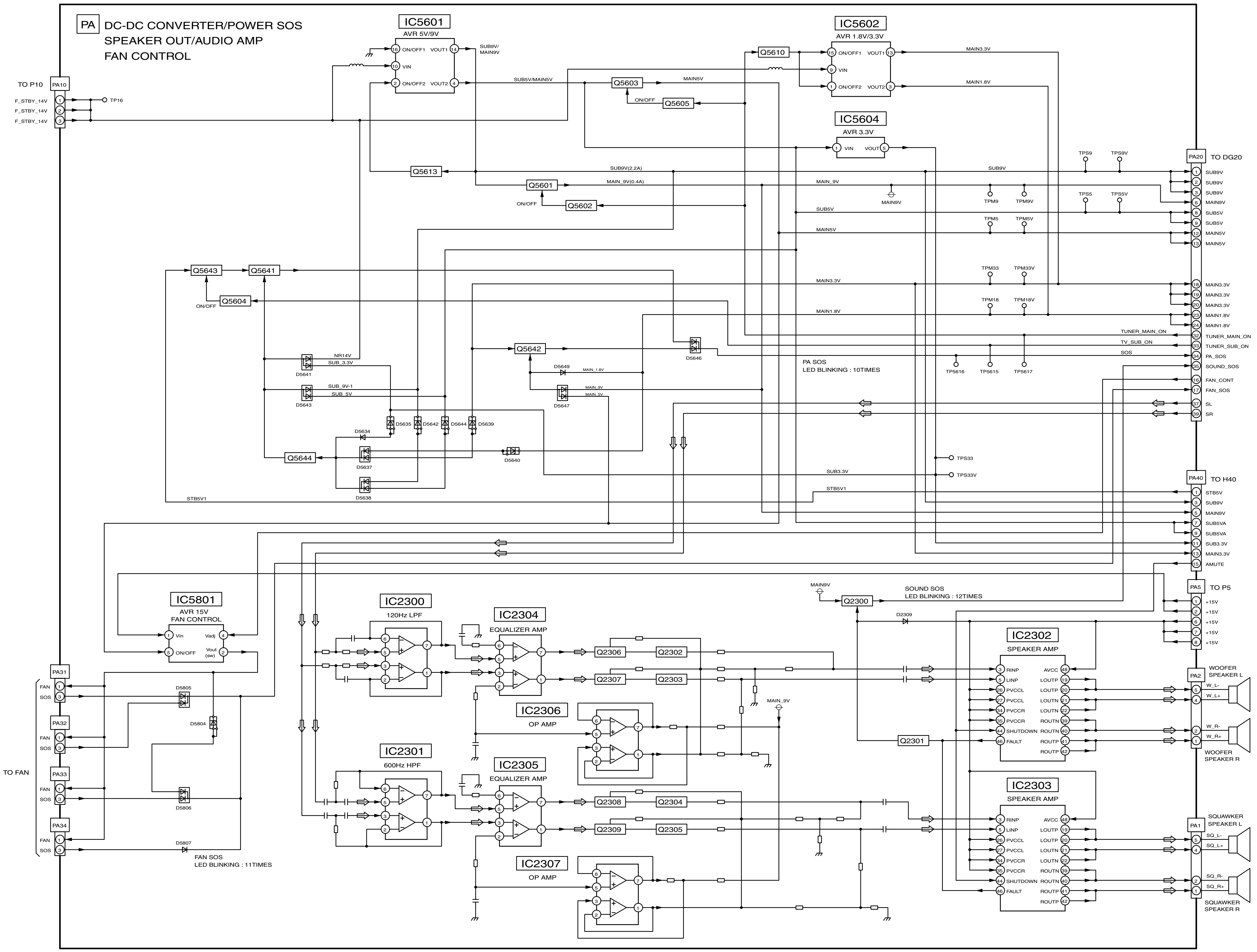

K REMOTE RECEIVER, LED
POWER LED
REMOTE RECEIVER
AI SENSOR
MODEM LED
PX600B ONLY
K1
G1
G AV4 IN
AV4 IN
S-VIDEO IN
VIDEO IN
AUDIO IN
L/R
HEADPHONE
HP_L/R
G51
G3
GK KEY SCAN
GK3
KEY SCAN
GS SD CARD
SD CARD SLOT
GS52
GS12
SD_V_IN/OUT
L/R
SD_MONO_IN
SD MODULE
SU SCAN OUT
S.R 64
TA TUNER
PV600E ONLY
TUNER
AM
SIF
V
TA5
H5
AM(PV600E)
SIF
TV-V
H51
H52
H2
MSP
L/R
PC IN
R,G,B
AUDIO OUT
L/R
AUDIO IN
TV_L/R
AUDIO INPUT SELECT
AV1 SCART
V,R,G,B
AV2 SCART
C.V
AV3 SCART
COMP VIDEO
Y,PB,PR
VIDEO INPUT SELECT
SUB OUT
MAIN OUT
H1
H AV TERMINAL, AV SWITCH,MSP
DC POWER
H40
SC SCAN DRIVE
CONTROL PULSE
SUSTAIN PULSE
SCAN PULSE
VOLTAGE GENERATOR
SOS1 SOS2
SC20
SC2
SC23
SD SCAN OUT
DG DIGITAL SIGNAL PROCESSOR
AUDIO DAC
HDMI I/F RECEIVER
HDMI IN 1
HDMI IN 2
YG/UB
DG2
DG1
HDMI L/R
DVB-L/R
DVB_CVBS
Y/UV
PX600B ONLY
DG22
MAIN MCU
OSD
DG3
A/D (GC3FS)
RGB PROCESSOR (GC5)
R G B
LVDS TRANS-MITTER
DG5
PC_R,G,B
A/D
Y,PB/C,PR
MAIN_L/R
Y,PB/C,PR,CVBS
FAN SOS
SOUND SOS
DC POWER
PA SOS
DG20
CI SLOT
DEMOD
TUNER
DAC
DL_DR
CVBS
MVY/MVC
HDSL PEAKS_LITE
XV01
XV D-TV INTERFACE
S POWER SW
S1
STB_PS
STB12V
POWER SWITCH
D FORMAT CONVERTER, PLASMA AI PROCESSOR
SDRAM
D5
LVDS RECEIVER
PICTURE OUTPUT
FORMAT CONVERTER RGB PROCESSOR
PLASMA AI SUB-FIELD PROCESSOR
VIDEO DATA
FLASH MEMORY
D3
FPGA CONTROL
DISCHARGE CONTROL
SUSTAIN CONTROL
DATA DRIVE
IIC
SOS6/ SOS7
MICOM
SOS8
D20
SCAN CONTROL
IIC
EEPROM
D25
P_ON/OFF
DC/DC CONVERTER
P3.3V P2.5V P1.2V
D31
D32
SS34
SS SUSTAIN DRIVE
ADDRESS VOLTAGE (VE)
SUSTAIN PULSE
ERASE PULSE
SS_SOS8
STB_PS/ STB12V
VDA
+15V
VSUS
SS23
SS12
SS11
P POWER SUPPLY
+5V STBY5V_M +15V PS_SOS
P25
P2
VSUS
P23
+15V
PROTECTION(SOS)
RECTIFIER
STANDBY VOLTAGE CONTROL
STANDBY VOLTAGE RECTIFIER
STB12V
STB5V
PROCESS VOLTAGE CONTROL
PROCESS VOLTAGE RECTIFIER
VDA
15V
12V
5V
F_STBY-14V
P10
+15V
P5
STB_PS STB12V +15V Vda
P12
VSUS
P11
AC CORD
P9
LINE FILTER
RELAY
LINE FILTER
RECTIFIER
POWER FACTOR CONTROL
SUSTAIN VOLTAGE CONTROL
SUSTAIN VOLTAGE RECTIFIER
POWER SOS
FAN SOS
PA31 | PA34
+15V
FAN
PA20
PA40
DC/DC CONVERTER
PA10
150Hz LPF EQ AMP
SPEAKER AMP
L R
PA2
WOOFER SPEAKER
SOUND SOS
PA5
+15V
600Hz HPF EQ AMP
SPEAKER AMP
SQUAWKER SPEAKER
PA DC-DC CONVERTER
C1 DATA DRIVER(RIGHT)
C11
C12
Vda-75V
C22
C2 DATA DRIVER(LEFT)
C21
C23
VDA
S.R.

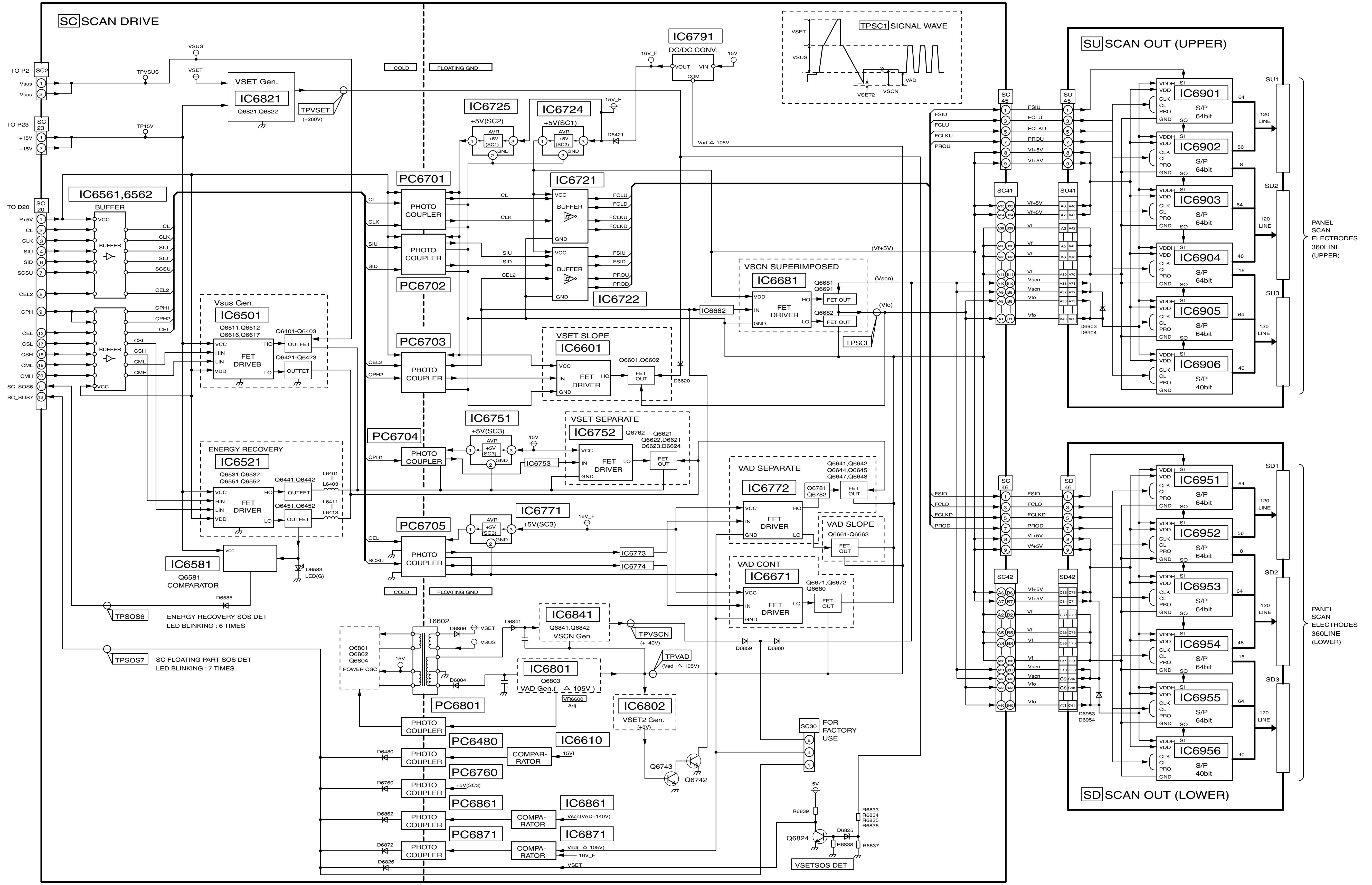
TH-42PV600E, TH-42PX600B
Main Block Diagram

TH-42PV600E, TH-42PX600B
Main Block Diagram

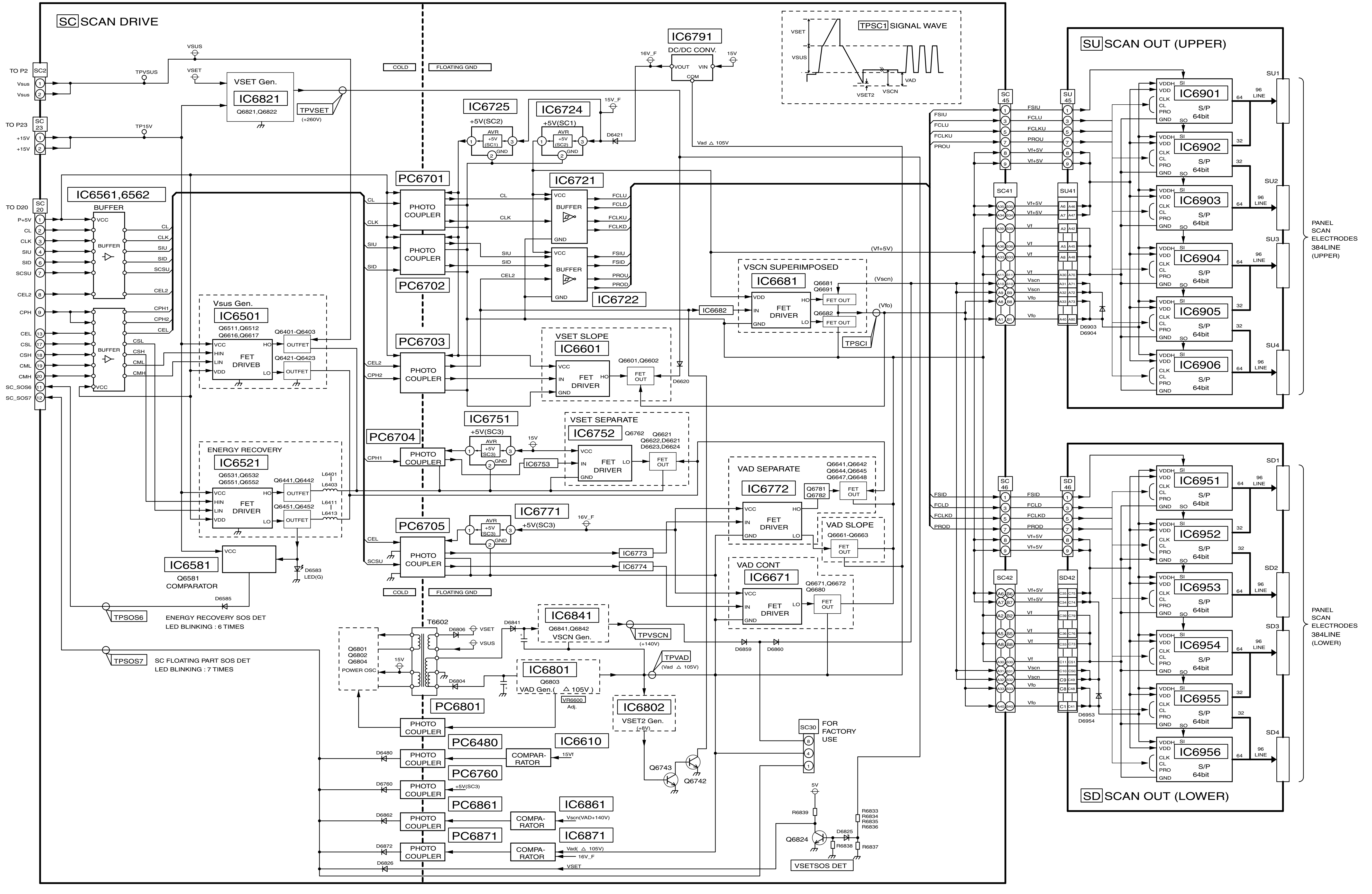

P POWER SUPPLY
HOT
COLD
TO AC CORD
P9
LIVE
NEUTRAL
F401
F402
L404
L405
D401
RECTIFIER
L403
R413
L410
D404
RECTIFIER
D435
T401
Q404 Q406 R406 D415
D417
D419
D420
395V
C446, C447
OVER VOLTAGE PROTECTION (490V ± 80V)
R472
R473
R465
R464
D418
R458
R441
R442
R475
SW
Q401
Q402
IC406
POWER FACTOR CORRECTOR
VCC
MOS DRIVE
CURR DET
CURR COMP
D407
Q420
Q422
Q407
R444
R455
R443
PFC
Q418
R497
Q421
PFC DET
R496 R495 R494
PFC OUT DETECTION (350V ± 40V)
IC411
ERROR DET
Q568
L:ON
IC402
ERROR DET
PFC DET
IC404
PHOTO COUPLER
AC POWER
IC403
PHOTO COUPLER
RESET
IC401
PHOTO COUPLER
Q434
R435
R427
R407
D430
IC410
PHOTO COUPLER
R410
RL403
RL402
MAIN ON
Q501
RUSH ON
Q502
T410
12V
D511
D563
STB5V
D509
D441
5V
IC409 (IPD)
DC POWER CONTROL
D596
D416
Source
Source
Drain
Vdd
FB
Vcs
STANDBY POWER SAVE
IC504
ERROR DET
IC408
PHOTO COUPLER
STB_PS(12V)
IC405
PHOTO COUPLER
ECO
IC412
PHOTO COUPLER
PR401
F 5A 250V
T404
Q412
OSC
Q408
OSC
Q413
OSC
D531
Q409
OSC
C469
T402
T407
15V OVER VOLTAGE PROTECTION (16V ± 2V)
D528
D529
D530
D539
D531
73V
C555
D586
D536
15V
R666
D551
R545
D574
IC520
POWER CONTROL (Vlow)
12V DET
Q566
D602
Q538
SW
Q540
D520
D514
VSUS DET
IC505
PHOTO COUPLER
178V (1.7A)
Vsus POWER CURCUIT
Q507
VCC GD ZCD
INV VFF CS
IC509
DC-DC CONVERTER
R671
Csus
T601
PR601
OVER VOLTAGE DETECTION (490V ± 80V)
R526
R527
R533
R534
D585
IC507
PHOTO COUPLER
Vdat OVER VOLTAGE DETECTION(100V ± 25V)
R670
D569
D570
D571
D572
D549
R579
D579
Q527
D542
D544
D545
R676
R674
R631
IC512
ERROR DET (Vda)
Vda75V
R665
Vda
Q520
Q517
BUFF
Q510
Q564
Q565
Q541
Q509
VIOW DET
R661
Vlow
Q508
VIOW DET
Vlow POWER CIRCUIT
R649
R650
5V OUT DETECTION (3V ± 1.0V)
Vsus 189V
R620
R589
R590
R621
Q505
VOLTAGE OUT DETECTION (60V ± 40V)
R622
R648
R636
R626
R656
R627
IC506
ERROR DET (Vsus)
R628
Vsus
P12
TO SS12
Vda
Vda
+15V
STB12V
STB_PS
P23
TO SC23
+15V
+15V
P5
TO PA5
+15Vc
+15Vc
+15Vc
+15Vs(S)
+15Vs(W)
+15Vs(W)
P11
TO SS11
Vsus
GND
P2
TO SC2
Vsus
GND
Q551
VSUS ON/OFF
12V ON/OFF
Q554
D521
P25
TO D25
+15Vc
+15Vc
+5Vc
+5Vc
STBY5V
F_STBY_ON
ECO_ON
PANEL_MAIN_ON
PS_SOS
ALL_OFF
AC_GOOD
H:ON
H:ON
PR509
Q559
INV.
VSUS DET
Q525,Q530
Q524
Q553
D512
D513
INV.
Q558
ECO ON
Q557
D505
IC502
RESET
X501 4MHz
Q535
STB5V DET
ON:L
IC501
POWER MCU
VDD
VSS
XIN
XOUT
RESET
STB PS
PFC DET
STB 5 ON/OFF
LOW 15
MAIN RELAY
RUSH RELAY
AC GOOD
F STB ON
V LOW DET
AC P DET
TV ON/OFF
VSUS DET
F_STB ON/OFF
PS SOS
PFC ON/OFF
V LOW ON/OFF
VSUS ON/OFF
ALL OFF
POWER SOS LED BLINKING : 4TIMES
Q569
Q521
Q563
Q537
STB5V ON/OFF
IC510
SWITCHING REGULATOR
OUT Vcc
PR505
D535
SW
Q512
Q561
ECO ON/OFF
Q555
DC/DC CONV. (15V)
Q556
DC/DC CONV. (F STB 14V)
D D D D
G S S S
P10
TO PA10
F STB 14V
F STB 14V
F STB 14V


P POWER SUPPLY
TO AC CORD
P9
LIVE
NEUTRAL
F401
F402
L404
L405
D401
RECTIFIER
T401
Q404 Q406 R406 D415
D417
D419
D420
395V
C446, C447
OVER VOLTAGE PROTECTION (490V ± 80V)
R472
R473
R465
R464
D418
R458
SW
Q401
L403
SW
Q402
IC406
POWER FACTOR CORRECTOR
VCC
MOS DRIVE
CURR DET
CURR COMP
R441
R442
R475
D407
Q420
Q422
Q407
R444
R455
R443
PFC
Q418
R497
Q421
PFC DET
R496 R495 R494
PFC OUT DETECTION (350V ± 40V)
IC411
ERROR DET
SW
Q568
L:ON
IC402
ERROR DET
HOT
COLD
PFC DET
IC404
PHOTO COUPLER
AC POWER
IC403
PHOTO COUPLER
RESET
IC401
PHOTO COUPLER
R413
L410
Q434
R435
R427
R407
D404
RECTIFIER
D435
D430
IC410
PHOTO COUPLER
R410
RL403
RL402
MAIN ON
Q501
Q502
RUSH ON
T410
12V
D511
D563
STB5V
D509
D441
5V
IC409 (IPD)
DC POWER CONTROL
D596
Source
Source
Drain
Vdd
FB
Vcs
D416
STANDBY POWER SAVE
IC504
ERROR DET
IC408
PHOTO COUPLER
STB_PS(12V)
IC405
PHOTO COUPLER
ECO
IC412
PHOTO COUPLER
HOT
COLD
PR401
F 5A 250V
HOT
COLD
T404
Q412
OSC
Q408
OSC
Q413
OSC
Q409
OSC
D531
C469
T402
D539
D531
73V
C555
D586
D536
15V
T407
R666
D551
R545
D574
15V OVER VOLTAGE PROTECTION (16V ± 2V)
D528
D529
D530
IC520
POWER CONTROL (Vlow)
12V DET
Q566
D602
Q538
SW
Q540
D520
178V (1.7A)
D514
VSUS DET
IC505
PHOTO COUPLER
Vsus POWER CURCUIT
Q507
VCC GD ZCD
INV VFF CS
IC509
DC-DC CONVERTER
R671
Csus
T601
PR601
OVER VOLTAGE DETECTION (490V ± 80V)
R526
R527
R533
R534
D585
IC507
PHOTO COUPLER
Vdat OVER VOLTAGE DETECTION(100V ± 25V)
R670
D569
D570
D571
D572
D549
R579
D579
Q527
R676
R674
R631
D542 D544 D545
IC512
ERROR DET (Vda)
Vda75V
R665
Vda
BUFF
Q510
BUFF
Q564
BUFF
Q565
Q520
Q517
Q509
VlOW DET
BUFF
Q541
R661
Vlow
Q508
VlOW DET
Vlow POWER CIRCUIT
R649
R650
5V OUT DETECTION (3V ± 1.0V)
Vsus 189V
R620
R589
R590
R621
Q505
VOLTAGE OUT DETECTION (60V ± 40V)
R622
R648
R636
R626
R656
R627
IC506
ERROR DET (Vsus)
R628
Vsus
Q551
VSUS ON/OFF
12V ON/OFF
Q554
D521
Q559
INV.
PR509
D505
IC502
RESET
X501 4MHz
IC501
POWER MCU
VDD
VSS
XIN
XOUT
RESET
STB PS
PFC DET
STB 5 ON/OFF
LOW 15
MAIN RELAY
RUSH RELAY
AC GOOD
F STB ON
V LOW DET
AC P DET
TV ON/OFF
VSUS DET
F_STB ON/OFF
PS SOS
PFC ON/OFF
V LOW ON/OFF
VSUS ON/OFF
ALL OFF
Q535
STB5V DET
ON:L
VSUS DET
Q525,Q530
Q524
INV.
Q553
INV.
D512
D513
INV.
Q558
ECO ON
Q557
INV.
POWER SOS LED BLINKING : 4TIMES
BUFF
Q569
Q521
BUFF
Q563
Q537
STB5V ON/OFF
SW
Q512
INV.
Q561
ECO ON/OFF
IC510
SWITCHING REGULATOR
OUT Vcc
PR505
D535
Q555
DC/DC CONV. (15V)
Q556
DC/DC CONV. (F STB 14V)
D D D D
G S S S
P12 TO SS12
Vda
Vda
+15V
STB12V
STB_PS
P23 TO SC23
+15V
+15V
P5 TO PA5
+15Vc
+15Vc
+15Vc
+15Vs(S)
+15Vs(W)
+15Vs(W)
P11 TO SS11
Vsus
GND
P2 TO SC2
Vsus
GND
P25 TO D25
+15Vc
+15Vc
+5Vc
+5Vc
STBY5V
H:ON
F_STBY_ON
H:ON
ECO_ON
PANEL_MAIN_ON
PS_SOS
ALL_OFF
AC_GOOD
P10 TO PA10
F STB 14V
F STB 14V
F STB 14V


PA
DC-DC CONVERTER/POWER SOS
SPEAKER OUT/AUDIO AMP
FAN CONTROL
TO P10
PA10
F_STBY_14V
F_STBY_14V
F_STBY_14V
TP16
IC5601
AVR 5V/9V
ON/OFF1
VOUT1
VIN
ON/OFF2
VOUT2
SUB9V/
MAIN9V
SUB5V/MAIN5V
IC5602
AVR 1.8V/3.3V
Q5610
MAIN3.3V
MAIN1.8V
Q5603
MAIN5V
ON/OFF
Q5605
IC5604
AVR 3.3V
VIN
VOUT
Q5613
SUB9V(2.2A)
SUB9V
Q5601
MAIN_9V(0.4A)
MAIN_9V
ON/OFF
Q5602
MAIN9V
SUB5V
MAIN5V
MAIN3.3V
MAIN1.8V
TPS9
TPS9V
TPM9
TPM9V
TPS5
TPS5V
TPM5
TPM5V
TPM33
TPM33V
TPM18
TPM18V
PA20
TO DG20
SUB9V
SUB9V
SUB9V
MAIN9V
SUB5V
SUB5V
MAIN5V
MAIN5V
MAIN3.3V
MAIN3.3V
MAIN3.3V
MAIN1.8V
MAIN1.8V
TUNER_MAIN_ON
TUNER_SUB_ON
PA_SOS
SOUND_SOS
FAN_CONT
FAN_SOS
SL
SR
TUNER_MAIN_ON
TV_SUB_ON
SOS
Q5643
Q5641
ON/OFF
Q5604
NR14V
SUB_3.3V
D5641
SUB_9V-1
SUB_5V
D5643
Q5642
D5646
D5649
MAIN_1.8V
MAIN_9V
MAIN_5V
D5647
PA SOS
LED BLINKING : 10TIMES
TP5616
TP5615
TP5617
D5634
D5635
D5642
D5644
D5639
Q5644
D5637
D5640
D5638
TPS33
TPS33V
SUB3.3V
STB5V1
STB5V1
PA40
TO H40
STB5V
SUB9V
MAIN9V
SUB5VA
SUB5VA
SUB3.3V
MAIN3.3V
AMUTE
IC5801
AVR 15V
FAN CONTROL
Vin
Vadj
ON/OFF
Vout
(sw)
PA31
FAN
SOS
PA32
FAN
SOS
PA33
FAN
SOS
PA34
FAN
SOS
TO FAN
D5805
D5804
D5806
D5807
FAN SOS
LED BLINKING : 11TIMES
MAIN9V
Q2300
SOUND SOS
LED BLINKING : 12TIMES
PA5
TO P5
+15V
+15V
+15V
+15V
+15V
IC2300
120Hz LPF
IC2304
EQUALIZER AMP
Q2306
Q2302
Q2307
Q2303
D2309
IC2302
SPEAKER AMP
RINP
LINP
PVCCL
PVCCL
PVCCR
PVCCR
SHUTDOWN
FAULT
AVCC
LOUTP
LOUTP
LOUTN
LOUTN
ROUTN
ROUTN
ROUTP
ROUTP
PA2
WOOFER
SPEAKER L
W_L-
W_L+
W_R-
W_R+
WOOFER
SPEAKER R
IC2306
OP AMP
MAIN_9V
Q2301
IC2301
600Hz HPF
IC2305
EQUALIZER AMP
Q2308
Q2304
Q2309
Q2305
IC2303
SPEAKER AMP
RINP
LINP
PVCCL
PVCCL
PVCCR
PVCCR
SHUTDOWN
FAULT
AVCC
LOUTP
LOUTP
LOUTN
LOUTN
ROUTN
ROUTN
ROUTP
ROUTP
PA1
SQUAWKER
SPEAKER L
SQ_L-
SQ_L+
SQ_R-
SQ_R+
SQUAWKER
SPEAKER R
IC2307
OP AMP


SC SCAN DRIVE
TO P2
SC2
Vsus
Vsus
TO P23
SC23
+15V
+15V
TO D20
SC20
P+5V
CL
CLK
SIU
SID
SCSU
CEL2
CPH
CEL
CSL
CSH
CML
CMH
SC_SOS6
SC_SOS7
TPVSUS
VSUS
VSET
TP15V
VSET Gen.
IC6821
Q6821,Q6822
TPVSET
(+260V)
COLD
FLOATING GND
IC6791
DC/DC CONV.
VOUT
VIN
COM
16V_F
15V
Vad △ 105V
TPSC1 SIGNAL WAVE
VSET
VSUS
VSET2
VSCN
VAD
IC6725
+5V(SC2)
AVR
IC6724
+5V(SC1)
15V_F
D6421
IC6561,6562
BUFFER
PC6701
PHOTO COUPLER
PC6702
IC6721
IC6722
FCLU
FCLD
FCLKU
FCLKD
FSIU
FSID
PROU
PROD
CEL2
Vsus Gen.
IC6501
Q6511,Q6512
Q6616,Q6617
FET DRIVEB
Q6401-Q6403
Q6421-Q6423
OUTFET
PC6703
CPH1
CPH2
VSET SLOPE
IC6601
FET DRIVER
Q6601,Q6602
FET OUT
D6620
VSCN SUPERIMPOSED
IC6681
Q6681
Q6691
Q6682
IC6682
(Vf+5V)
(Vscn)
(Vfo)
TPSCI
IC6751
+5V(SC3)
PC6704
VSET SEPARATE
IC6752
Q6762
Q6621
Q6622,D6621
D6623,D6624
IC6753
ENERGY RECOVERY
IC6521
Q6531,Q6532
Q6551,Q6552
Q6441,Q6442
Q6451,Q6452
L6401
L6403
L6411
L6413
VAD SEPARATE
Q6641,Q6642
Q6644,Q6645
Q6647,Q6648
IC6772
Q6781
Q6782
IC6771
PC6705
CEL
SCSU
IC6773
IC6774
VAD SLOPE
Q6661-Q6663
VAD CONT
IC6671
Q6671,Q6672
Q6680
IC6581
Q6581
COMPARATOR
D6583
LED(G)
D6585
TPSOS6
ENERGY RECOVERY SOS DET
LED BLINKING : 6 TIMES
TPSOS7
SC FLOATING PART SOS DET
LED BLINKING : 7 TIMES
T6602
D6806
D6841
IC6841
Q6841,Q6842
VSCN Gen.
TPVSCN
(+140V)
Q6801
Q6802
Q6804
POWER OSC
D6804
IC6801
Q6803
VAD Gen.(△ 105V)
VR6600
Adj.
TPVAD
(Vad △ 105V)
D6859
D6860
PC6801
IC6802
VSET2 Gen.
(+8V)
SC30
FOR FACTORY USE
Q6743
Q6742
PC6480
IC6610
COMPAR-RATOR
15Vf
D6480
PC6760
D6760
PC6861
IC6861
Vscn(VAD+140V)
D6862
PC6871
IC6871
Vad(△ 105V)
D6872
D6826
5V
R6839
Q6824
D6825
R6833
R6834
R6835
R6836
R6838
R6837
VSETSOS DET
SC45
SU45
SC41
SU41
SC46
SD46
SC42
SD42
Vf+5V
Vf
Vscn
Vfo
D6903
D6904
D6953
D6954
SU SCAN OUT (UPPER)
IC6901
IC6902
IC6903
IC6904
IC6905
IC6906
VDDH
VDD
SI
SO
CLK
CL
PRO
GND
S/P
64bit
40bit
SU1
SU2
SU3
120 LINE
PANEL SCAN ELECTRODES 360LINE (UPPER)
SD SCAN OUT (LOWER)
IC6951
IC6952
IC6953
IC6954
IC6955
IC6956
SD1
SD2
SD3
PANEL SCAN ELECTRODES 360LINE (LOWER)

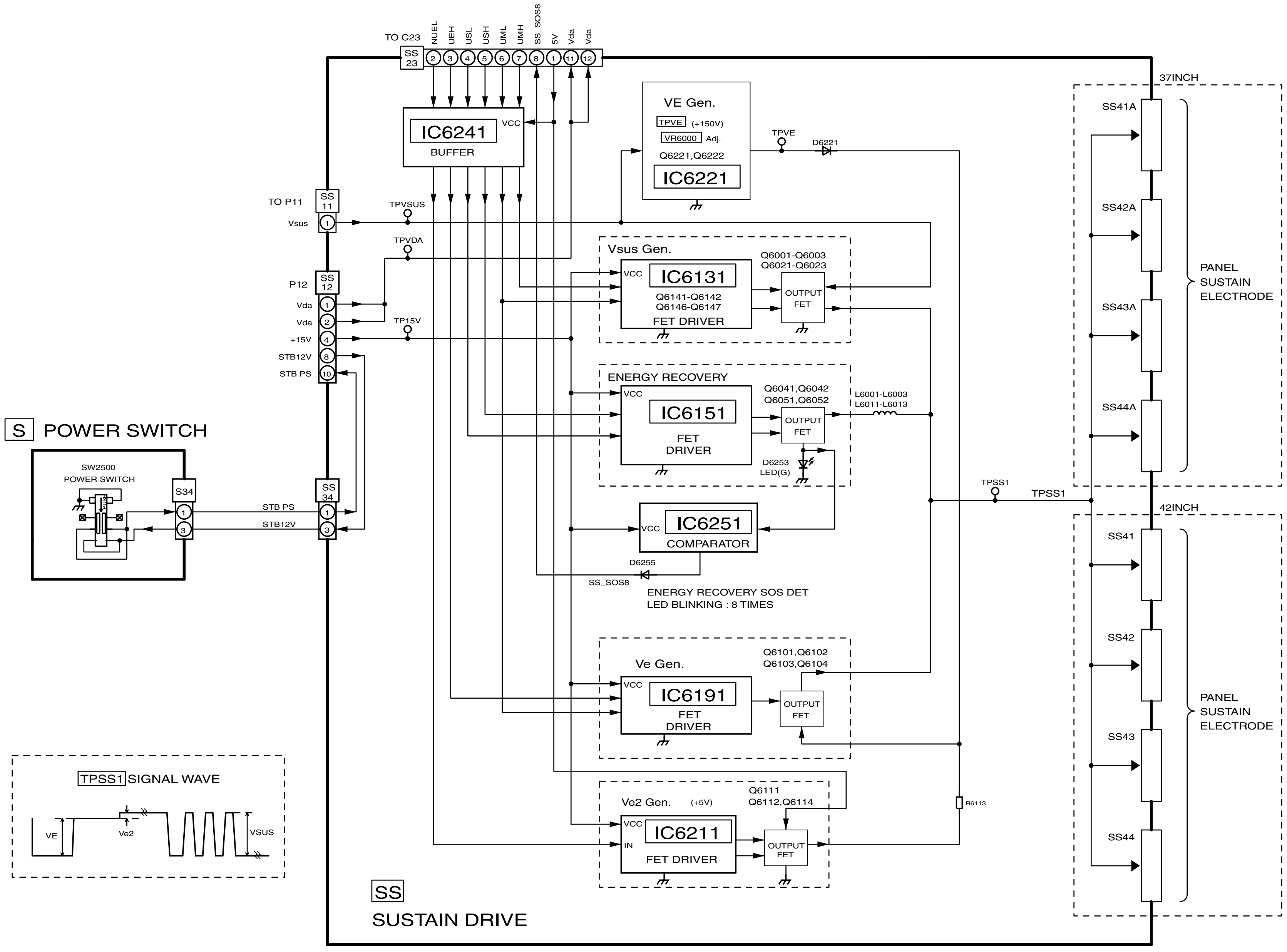
TH-37PV600E, TH-37PX600B
SC, SU and SD-Board Block Diagram

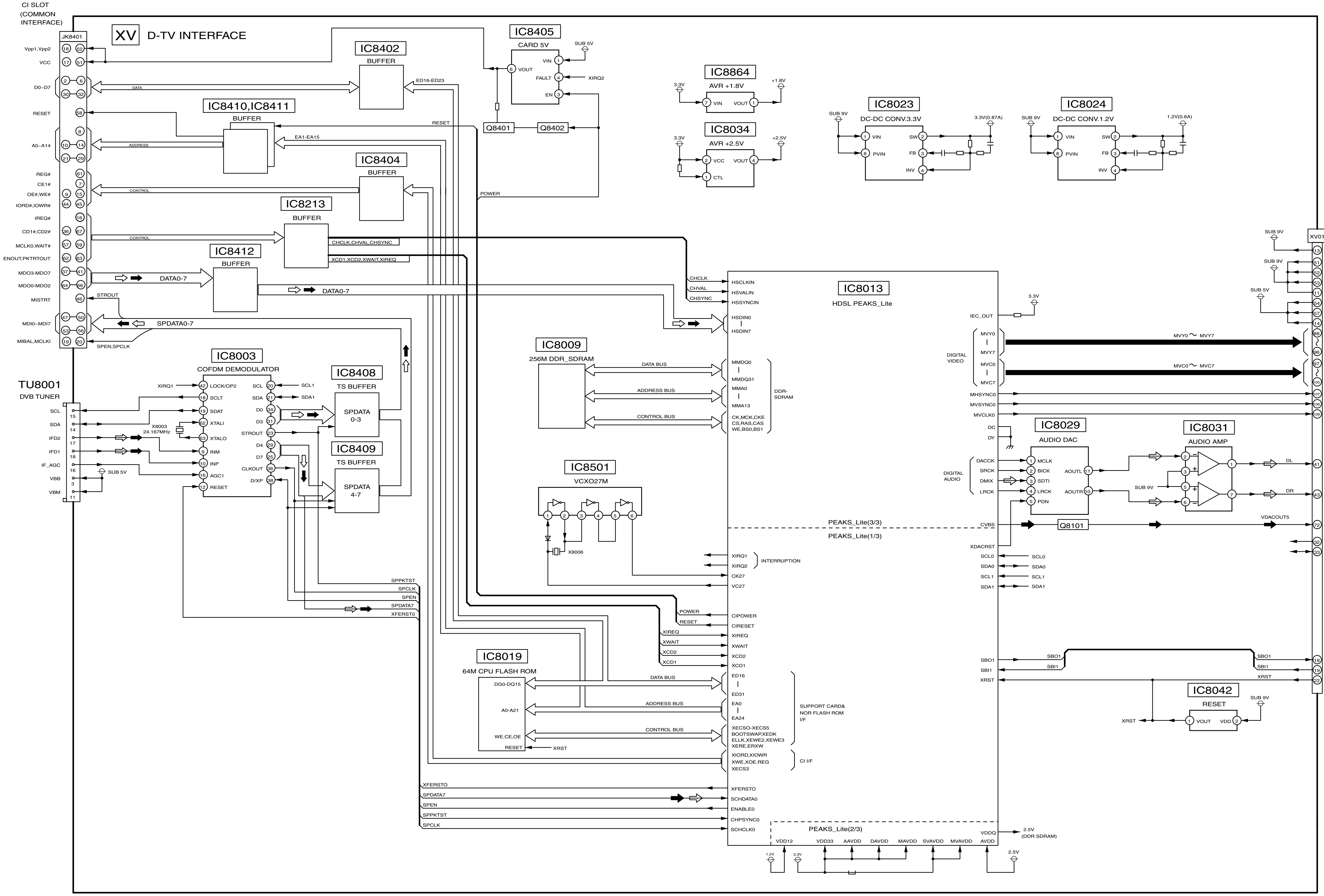


SC SCAN DRIVE
TO P2 SC2
Vsus
TO P23 SC23
+15V
TO D20 SC20
P+5V
CL
CLK
SIU
SID
SCSU
CEL2
CPH
CEL
CSL
CSH
CML
CMH
SC_SOS6
SC_SOS7
TPVSUS
VSUS
VSET
VSET Gen.
IC6821
Q6821,Q6822
TPVSET
(+260V)
TP15V
IC6561,6562
BUFFER
COLD
FLOATING GND
IC6725
+5V(SC2)
AVR
IC6724
+5V(SC1)
15V_F
D6421
IC6791
DC/DC CONV.
16V_F
15V
VOUT
VIN
COM
Vad △ 105V
TPSC1 SIGNAL WAVE
VSET2
VSCN
VAD
PC6701
PHOTO COUPLER
PC6702
IC6721
IC6722
FCLU
FCLD
FCLKU
FCLKD
FSIU
FSID
PROU
PROD
CEL2
Vsus Gen.
IC6501
Q6511,Q6512
Q6616,Q6617
Q6401-Q6403
Q6421-Q6423
FET DRIVEB
OUTFET
PC6703
CPH2
VSET SLOPE
IC6601
Q6601,Q6602
FET DRIVER
FET OUT
D6620
VSCN SUPERIMPOSED
IC6681
IC6682
Q6681 Q6691
Q6682 Q6680
(Vf+5V)
(Vscn)
(Vfo)
TPSCI
IC6751
+5V(SC3)
PC6704
CPH1
VSET SEPARATE
IC6752
Q6762
Q6621 Q6622,D6621 D6623,D6624
IC6753
ENERGY RECOVERY
IC6521
Q6531,Q6532
Q6551,Q6552
Q6441,Q6442
Q6451,Q6452
L6401
L6403
L6411
L6413
VAD SEPARATE
IC6772
Q6641,Q6642 Q6644,Q6645 Q6647,Q6648
Q6781 Q6782
VAD SLOPE
Q6661-Q6663
PC6705
IC6771
SCSU
IC6773
IC6774
VAD CONT
IC6671
Q6671,Q6672 Q6680
IC6581
Q6581 COMPARATOR
D6583 LED(G)
D6585
TPSOS6
ENERGY RECOVERY SOS DET
LED BLINKING : 6 TIMES
TPSOS7
SC FLOATING PART SOS DET
LED BLINKING : 7 TIMES
T6602
Q6801 Q6802 Q6804
POWER OSC
D6806
D6804
D6841
IC6841
Q6841,Q6842
VSCN Gen.
TPVSCN
(+140V)
D6859
D6860
TPVAD
(Vad △ 105V)
IC6801
Q6803
VAD Gen.(△105V)
VR6600 Adj.
PC6801
IC6802
VSET2 Gen.
(+8V)
Q6743
Q6742
SC30
FOR FACTORY USE
D6480
PC6480
IC6610
COMPAR-RATOR
15Vf
D6760
PC6760
PC6861
IC6861
D6862
Vscn(VAD+140V)
D6872
PC6871
IC6871
Vad(△ 105V)
D6826
5V
R6839
Q6824
D6825
R6833 R6834 R6835 R6836
R6838
R6837
VSETSOS DET
SC45
SU45
SC41
SU41
Vf+5V
Vf
Vscn
Vfo
D6903 D6904
SU SCAN OUT (UPPER)
IC6901
IC6902
IC6903
IC6904
IC6905
IC6906
VDDH
VDD
SI
SO
PRO
GND
S/P 64bit
64
32
96 LINE
SU1
SU2
SU3
SU4
PANEL SCAN ELECTRODES 384LINE (UPPER)
SC46
SD46
SC42
SD42
D6953 D6954
SD SCAN OUT (LOWER)
IC6951
IC6952
IC6953
IC6954
IC6955
IC6956
SD1
SD2
SD3
SD4
PANEL SCAN ELECTRODES 384LINE (LOWER)

TH-42PV600E, TH-42PX600B
SC, SU and SD-Board Block Diagram

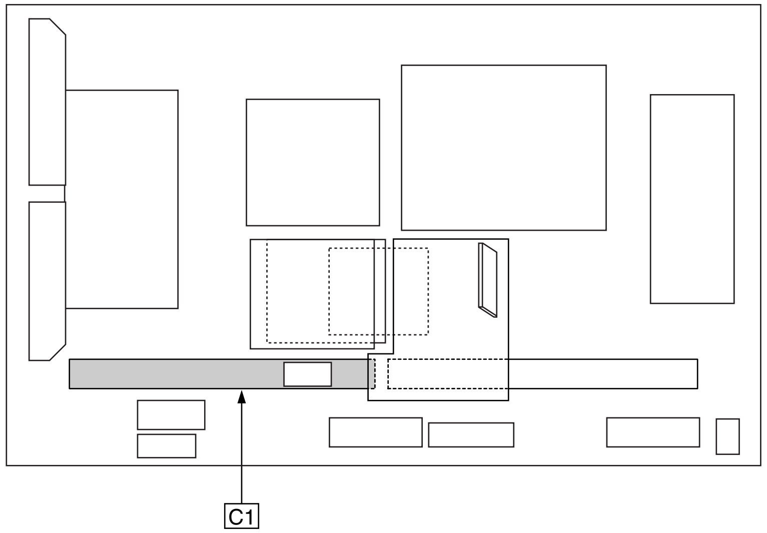
TH-42PV600E, TH-42PX600B
SC, SU and SD-Board Block Diagram


TO C23
SS 23
NUEL
UEH
USL
USH
UML
UMH
SS_SOS8
5V
Vda
Vda
2 3 4 5 6 7 8 1 11 12
IC6241
VCC
BUFFER
VE Gen.
TPVE (+150V)
VR6000 Adj.
Q6221,Q6222
IC6221
TPVE
D6221
TO P11
SS 11
Vsus
1
TPVSUS
TPVDA
P12
SS 12
Vda
Vda
+15V
STB12V
STB PS
1 2 4 8 10
TP15V
Vsus Gen.
VCC
IC6131
Q6141-Q6142
Q6146-Q6147
FET DRIVER
Q6001-Q6003
Q6021-Q6023
OUTPUT FET
ENERGY RECOVERY
VCC
IC6151
FET DRIVER
Q6041,Q6042
Q6051,Q6052
OUTPUT FET
L6001-L6003
L6011-L6013
D6253
LED(G)
S
POWER SWITCH
SW2500
POWER SWITCH
S34
SS 34
STB PS
STB12V
1 3
VCC
IC6251
COMPARATOR
D6255
SS_SOS8
ENERGY RECOVERY SOS DET
LED BLINKING : 8 TIMES
TPSS1
TPSS1
Ve Gen.
VCC
IC6191
FET DRIVER
Q6101,Q6102
Q6103,Q6104
OUTPUT FET
Ve2 Gen.
(+5V)
VCC
IN
IC6211
FET DRIVER
Q6111
Q6112,Q6114
OUTPUT FET
R6113
TPSS1 SIGNAL WAVE
VE
Ve2
VSUS
SS
SUSTAIN DRIVE
37INCH
SS41A
SS42A
SS43A
SS44A
PANEL SUSTAIN ELECTRODE
42INCH
SS41
SS42
SS43
SS44
PANEL SUSTAIN ELECTRODE

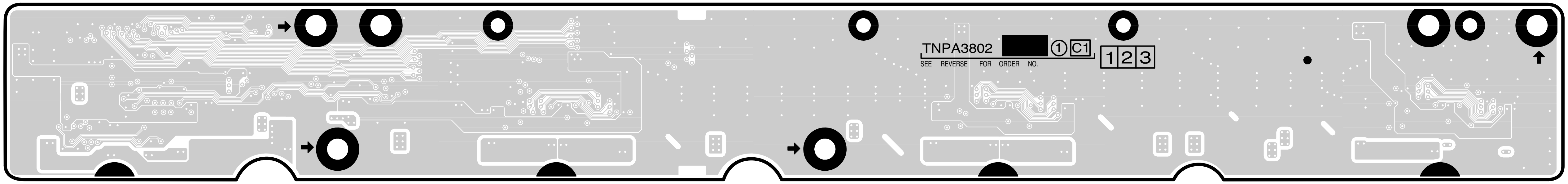

CI SLOT
(COMMON
INTERFACE)
JK8401
XV
D-TV INTERFACE
Vpp1,Vpp2
VCC
D0~D7
RESET
A0~A14
REG#
CE1#
OE#,WE#
IORD#,IOWR#
IREQ#
CD1#,CD2#
MCLK0,WAIT#
ENOUT,PKTRTOUT
MDO3-MDO7
MDO0-MDO2
MISTRT
MDI0~MDI7
MIBAL,MCLKI
DATA
ADDRESS
CONTROL
CONTROL
DATA0-7
DATA0-7
STROUT
SPDATA0-7
SPEN,SPCLK
IC8402
BUFFER
ED16-ED23
IC8410,IC8411
BUFFER
RESET
EA1-EA15
IC8404
BUFFER
POWER
IC8213
BUFFER
CHCLK,CHVAL,CHSYNC
XCD1,XCD2,XWAIT,XIREQ
IC8412
BUFFER
IC8405
CARD 5V
SUB 5V
VIN
VOUT
FAULT
XIRQ2
EN
Q8401
Q8402
IC8864
AVR +1.8V
3.3V
+1.8V
VIN
VOUT
IC8034
AVR +2.5V
3.3V
+2.5V
VCC
VOUT
CTL
IC8023
DC-DC CONV.3.3V
SUB 9V
3.3V(0.87A)
VIN
SW
PVIN
FB
INV
IC8024
DC-DC CONV.1.2V
SUB 9V
1.2V(0.6A)
VIN
SW
PVIN
FB
INV
TU8001
DVB TUNER
SCL
SDA
IFD2
IFD1
IF_AGC
VBB
VBM
SUB 5V
IC8003
COFDM DEMODULATOR
XIRQ1
LOCK/OP2
SCLT
SDAT
X8003
24.167MHz
XTALI
XTALO
INM
INP
AGC1
RESET
SCL
SCL1
SDA
SDA1
D0
D3
STROUT
D4
D7
CLKOUT
D/XP
IC8408
TS BUFFER
SPDATA
0-3
IC8409
TS BUFFER
SPDATA
4-7
SPPKTST
SPCLK
SPEN
SPDATA7
XFERST0
IC8009
256M DDR_SDRAM
DATA BUS
ADDRESS BUS
CONTROL BUS
IC8501
VCXO27M
X8006
IC8019
64M CPU FLASH ROM
DG0-DQ15
A0-A21
WE,CE,OE
RESET
XRST
DATA BUS
ADDRESS BUS
CONTROL BUS
XFERSTO
SPDATA7
SPEN
SPPKTST
SPCLK
IC8013
HDSL PEAKS_Lite
CHCLK
CHVAL
CHSYNC
HSCLKIN
HSVALIN
HSSYNCIN
HSDIN0
HSDIN7
MMDQ0
MMDQ31
MMA0
MMA13
CK,MCK,CKE
CS,RAS,CAS
WE,BS0,BS1
DDR-
SDRAM
PEAKS_Lite(3/3)
PEAKS_Lite(1/3)
XIRQ1
XIRQ2
INTERRUPTION
CK27
VC27
POWER
RESET
XIREQ
XWAIT
XCD2
XCD1
CIPOWER
CIRESET
XIREQ
XWAIT
XCD2
XCD1
ED16
ED31
EA0
EA24
XECSO-XECS5
BOOTSWAP,XEDK
ELLK,XEWE2,XEWE3
XERE,ERXW
SUPPORT CARD&
NOR FLASH ROM
I/F
XIORD,XIOWR
XWE,XOE,REG
XECS3
CI I/F
XFERSTO
SCHDATA0
ENABLE0
CHPSYNC0
SCHCLK0
PEAKS_Lite(2/3)
VDD12
VDD33
AAVDD
DAVDD
MAVDD
SVAVDD
MVAVDD
AVDD
VDDQ
2.5V
(DDR SDRAM)
1.2V
3.3V
2.5V
3.3V
IEC_OUT
DIGITAL
VIDEO
MVY0
MVY7
MVC0
MVC7
MVY0 ~ MVY7
MVC0 ~ MVC7
MHSYNC0
MVSYNC0
MVCLK0
DC
DY
IC8029
AUDIO DAC
DIGITAL
AUDIO
DACCK
SRCK
DMIX
LRCK
MCLK
BICK
SDTI
LRCK
PDN
AOUTL
AOUTR
IC8031
AUDIO AMP
SUB 9V
DL
DR
CVBS
Q8101
VDACOUT5
XDACRST
SCL0
SDA0
SCL1
SDA1
SCL0
SDA0
SCL1
SDA1
SBO1
SBI1
XRST
SBO1
SBI1
SBO1
SBI1
XRST
IC8042
RESET
SUB 9V
XRST
VOUT
VDD
XV01
TO DG22
SUB 9V
SUB 9V
SUB 5V
SUB 9V
SUB 9V
SUB 9V
SUB 9V
SUB 9V
SUB 5V
SUB 5V
SUB 5V
MVY0
MVY7
MVC0
MVC7
MHSYNC0
MVSYNC0
MVCLK0
DL(BS_L)
DR(BS_R)
CVBS
SCL0
SDA0
SBO1(SBI1)
SBI1(SBO1)
XRST

Parts Location

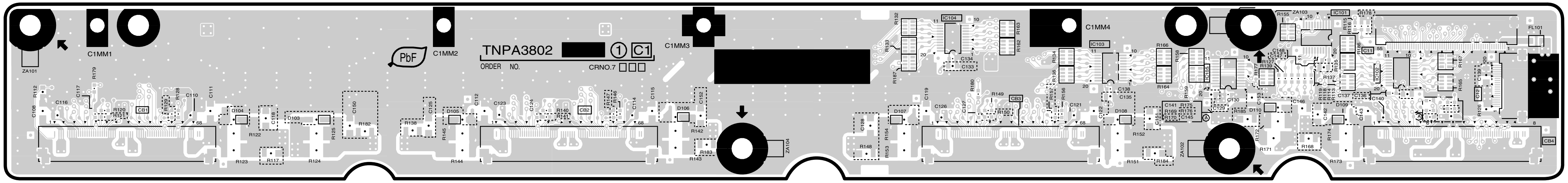
C1-BOARD	
IC	
IC7101	H-2
IC7102	H-2
IC7103	G-2
IC7104	F-2
IC7105	G-2



C1-BOARD (FOIL SIDE)
TXNC11BKTB


TNPA3802
① C1
1 2 3
SEE REVERSE FOR ORDER NO.

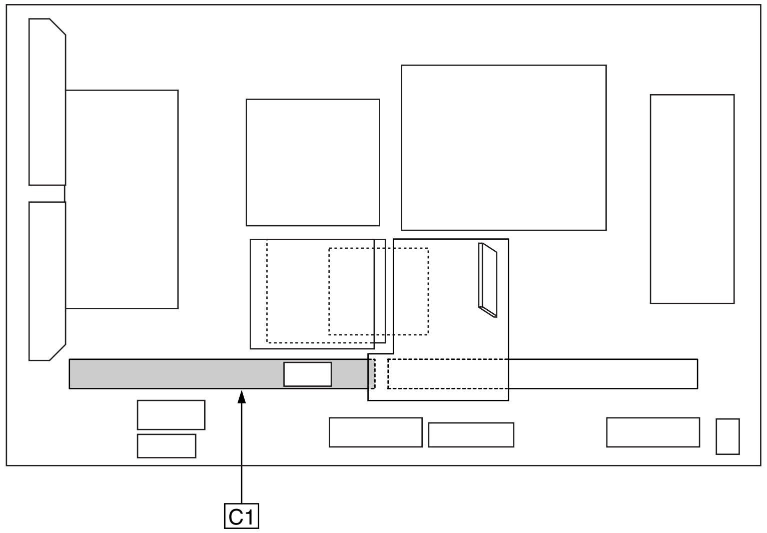
C1-BOARD (COMPONENT SIDE)
TXNC11BKTB


TNPA3802
① C1
ORDER NO.
CRNO.7
PbF
C1MM1
C1MM2
C1MM3
C1MM4
ZA101
ZA102
ZA103
ZA104
IC101
IC103
IC104
FL101
CB1
CB2
CB3
CB4

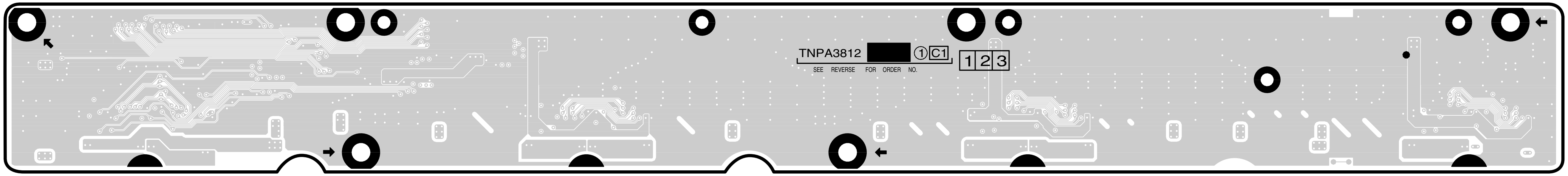
6
5
4
3
2
1

Parts Location

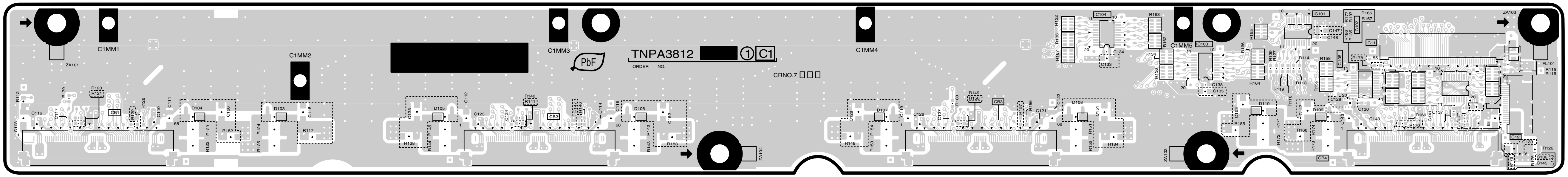
C1-BOARD	
IC	
IC7101	H-2
IC7102	I-2
IC7103	G-2
IC7104	F-1
IC7105	H-2



C1-BOARD (FOIL SIDE)
TXNC11BJTB


TNPA3812
①C1
1 2 3
SEE REVERSE FOR ORDER NO.

C1-BOARD (COMPONENT SIDE)
TXNC11BJTB


C1MM1
ZA101
C1MM2
C1MM3
PbF
TNPA3812
①C1
ORDER NO.
CRNO.7
C1MM4
C1MM5
ZA103
ZA104
ZA102
IC101
IC103
IC104
FL101

A B C D E F G H I

6

5

4

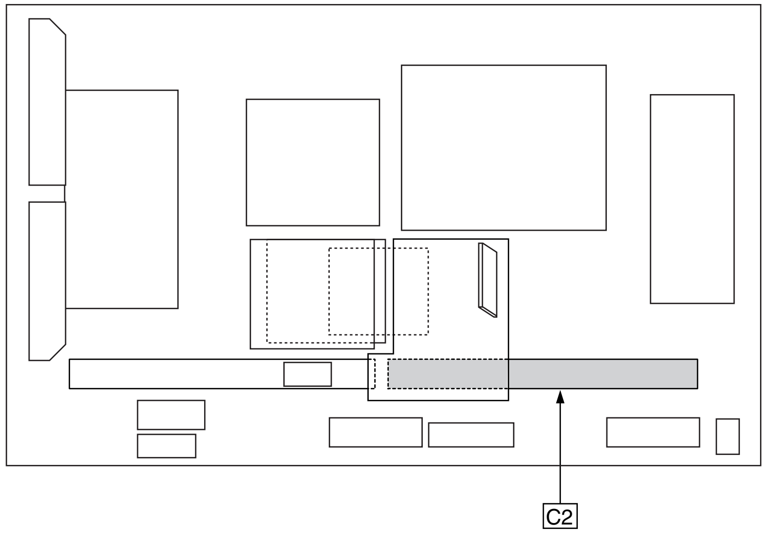
3

2

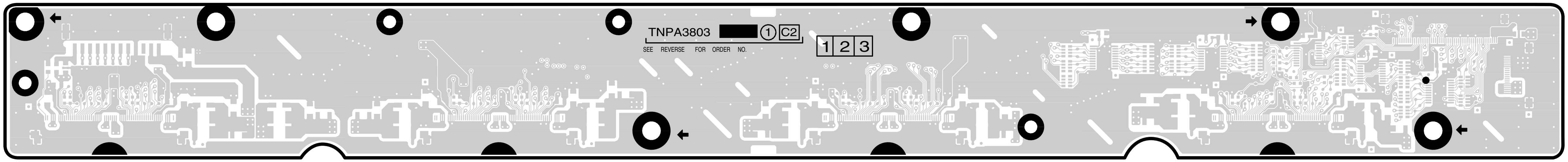
1

Parts Location

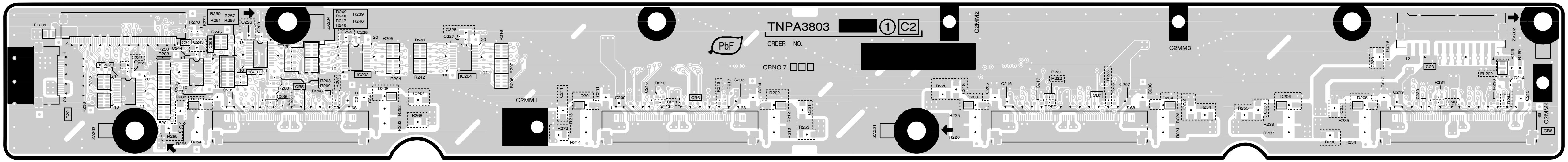
C2-BOARD	
IC	
IC7201	B-2
IC7202	A-1
IC7203	C-2
IC7204	C-2
IC7205	B-2



C2-BOARD (FOIL SIDE)
TXNC21BKTB

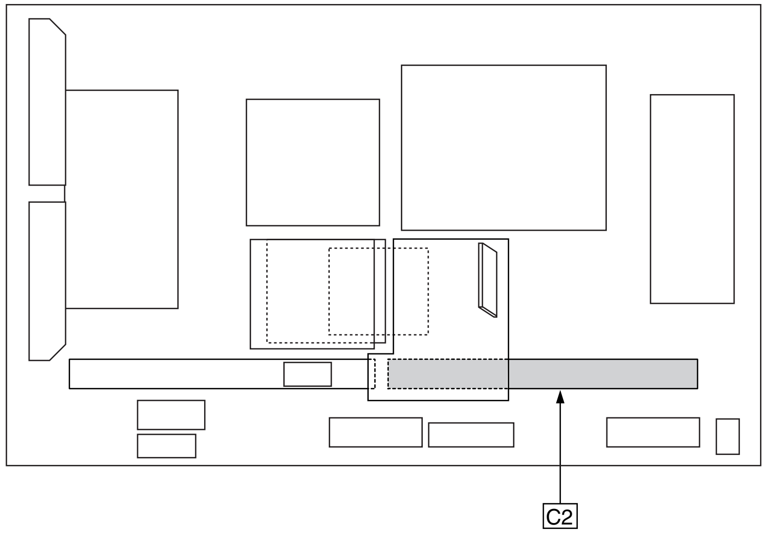

TNPA3803
① C2
SEE REVERSE FOR ORDER NO.
1 2 3

C2-BOARD (COMPONENT SIDE)
TXNC21BKTB

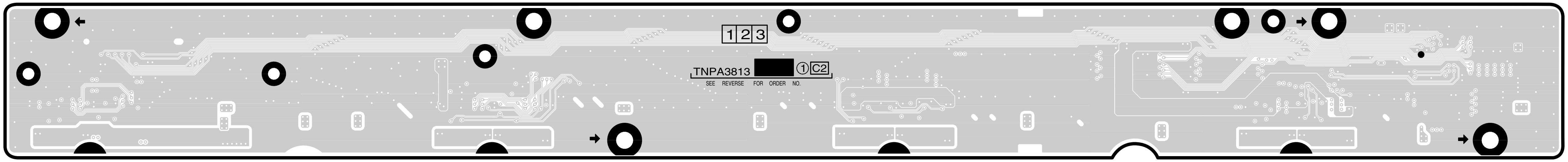

TNPA3803
① C2
ORDER NO.
CRNO.7
PbF
C2MM1
C2MM2
C2MM3
C2MM4
FL201
FL202
IC201
IC202
IC203
IC204
ZA201
ZA202
ZA203

Parts Location

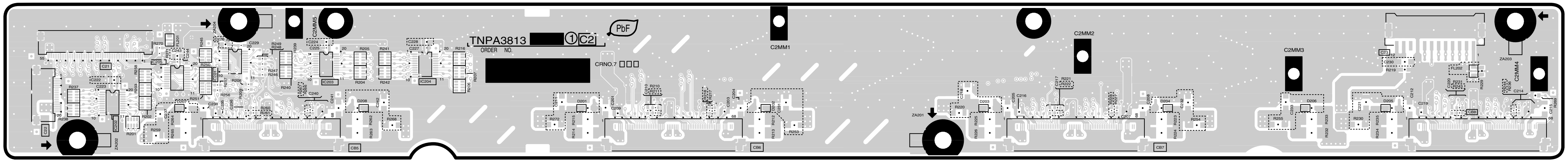
C2-BOARD	
IC	
IC7201	B-2
IC7202	A-1
IC7203	B-2
IC7204	C-2
IC7205	B-1



C2-BOARD (FOIL SIDE)
TXNC21BJTB


1 2 3
TNPA3813 ① C2
SEE REVERSE FOR ORDER NO.

C2-BOARD (COMPONENT SIDE)
TXNC21BJTB


TNPA3813 ① C2
ORDER NO.
PbF
CRNO.7
C2MM1
C2MM2
C2MM3
C2MM4
C2MM5
ZA201
ZA202
ZA203
IC203
IC204
CB5
CB6
CB7

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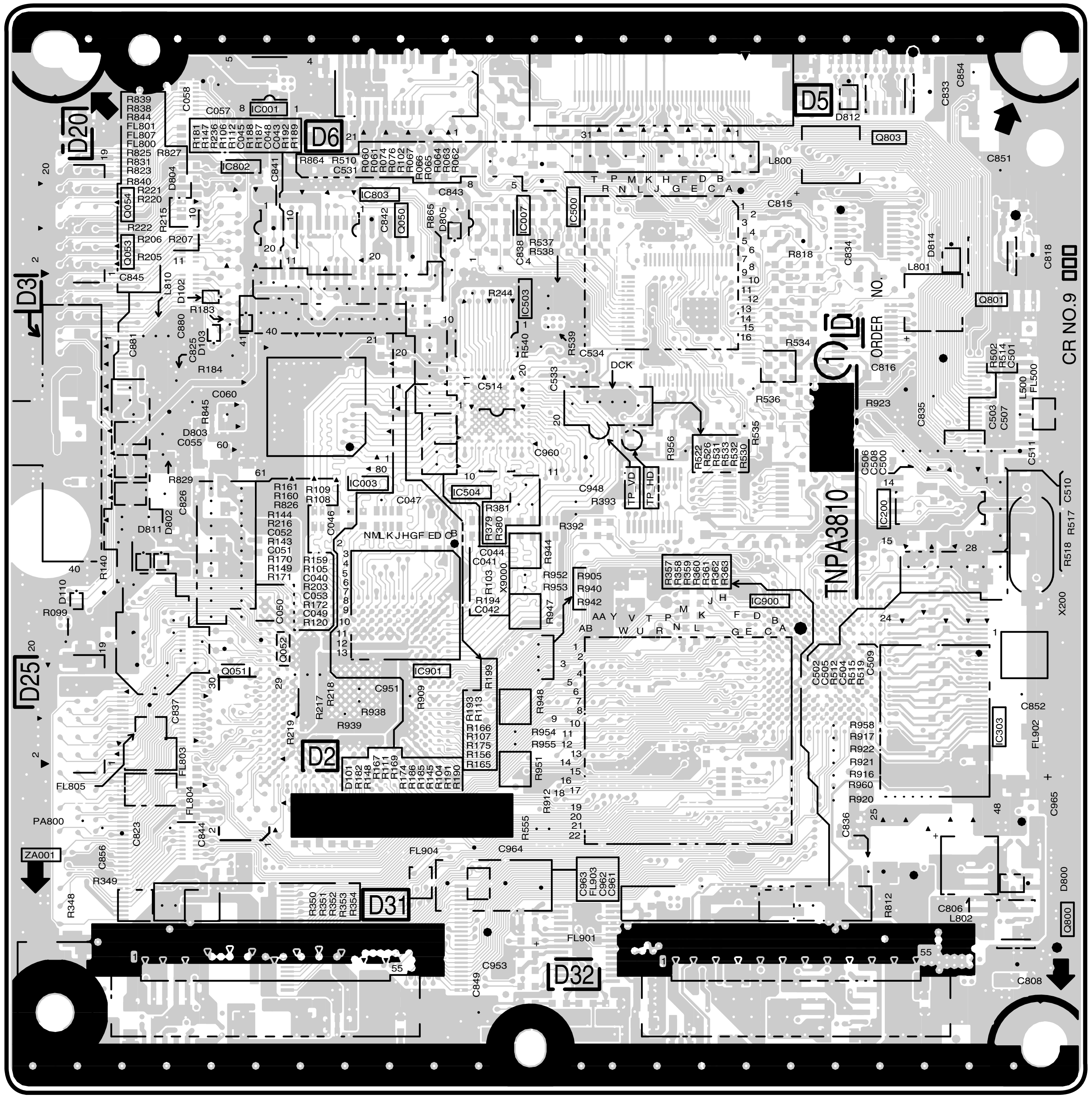
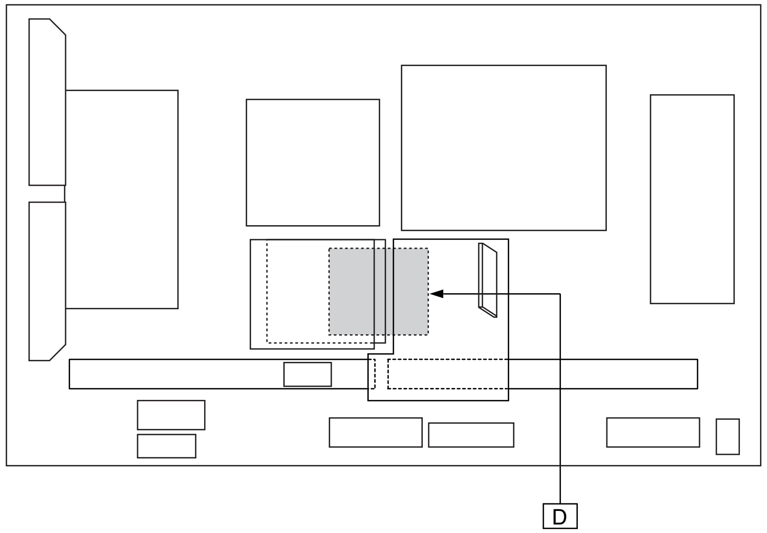
A B C D E F G H I

D-BOARD (COMPONENT SIDE)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)


D20
D3
D25
D2
D6
D5
D31
D32
ZA001
PA800
FL805
IC001
IC802
IC803
IC003
IC504
IC503
IC500
IC007
IC900
IC901
IC303
Q803
Q801
Q800
Q050
Q051
Q052
Q053
Q054
TP_VD
TP_HD
DCK
X9000
X200
TNPA3810
ORDER NO.
CR NO.9
55



Parts Location

D-BOARD (COMPONENT SIDE)			
IC		**TRANSISTOR**	
IC9001	B-5	Q9050	C-5
IC9003	C-4	Q9051	B-3
IC9007	C-5	Q9052	B-3
IC9200	E-4	Q9053	B-5
IC9303	E-3	Q9054	B-5
IC9500	D-5	Q9800	F-2
IC9503	C-4	Q9801	E-4
IC9504	C-4	Q9803	E-5
IC9802	B-5	**TP**	
IC9803	C-5	TP-HD	D-4
IC9900	D-3	TP-VD	D-4
IC9901	C-3		

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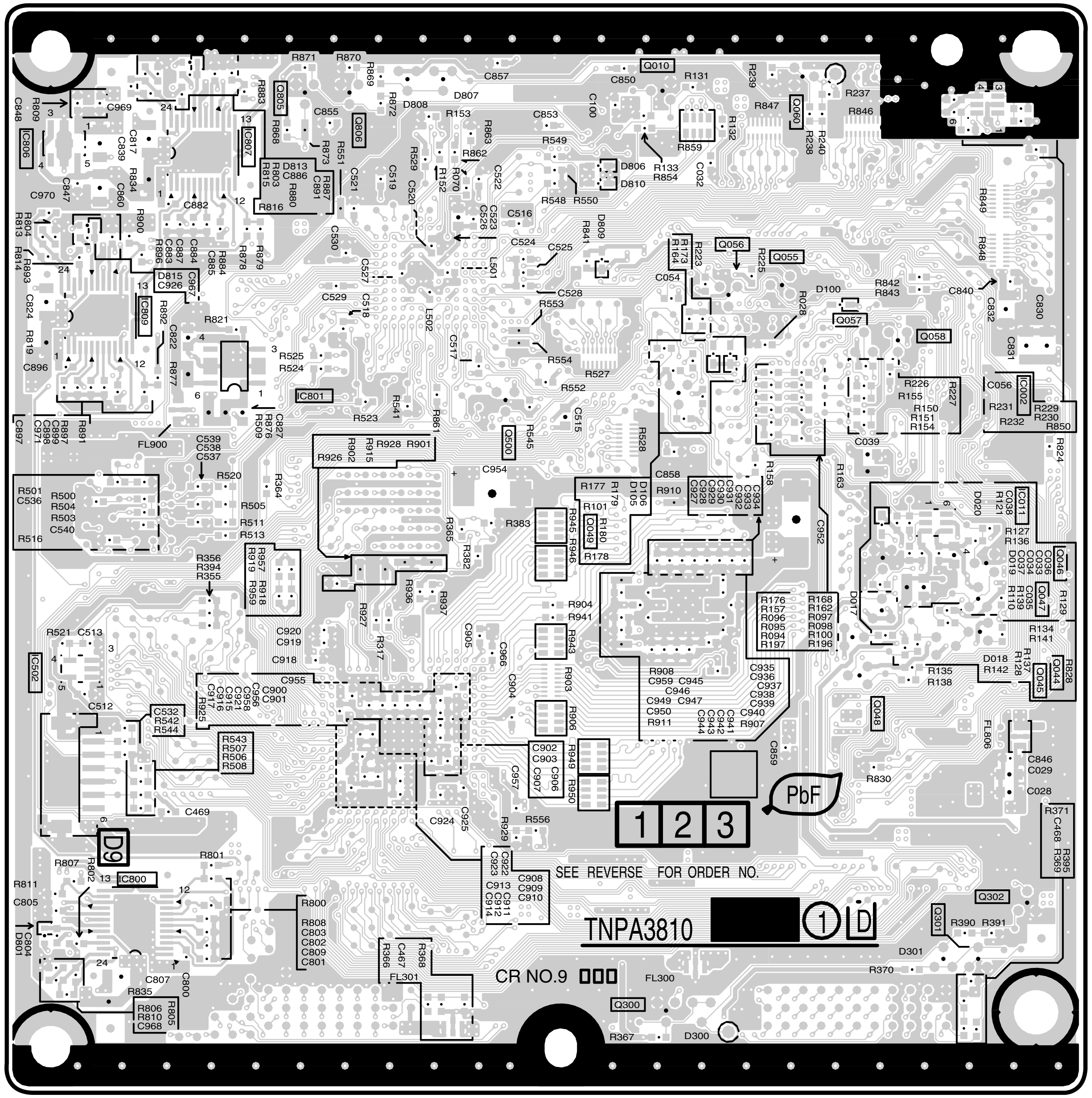
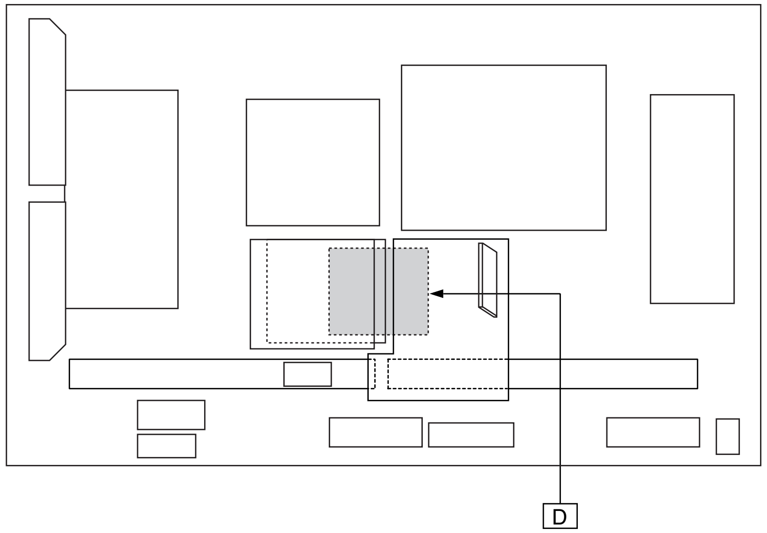
A B C D E F G H I

D-BOARD (FOIL SIDE)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)





Parts Location

D-BOARD (FOIL SIDE)			
IC		**TRANSISTOR**	
IC9002	E-4	Q9010	D-5
IC9011	E-4	Q9044	E-3
IC9502	A-3	Q9045	E-3
IC9800	B-2	Q9046	E-3
IC9801	B-4	Q9047	E-3
IC9806	A-5	Q9048	E-3
IC9807	B-5	Q9049	D-3
IC9809	B-4	Q9055	D-5
		Q9056	D-5
		Q9057	E-4
		Q9058	E-4
		Q9060	D-5
		Q9300	D-2
		Q9301	E-2
		Q9302	E-2
		Q9500	C-4
		Q9805	B-5
		Q9806	C-5

6
5
4
3
2
1

A B C D E F G H I

6

5

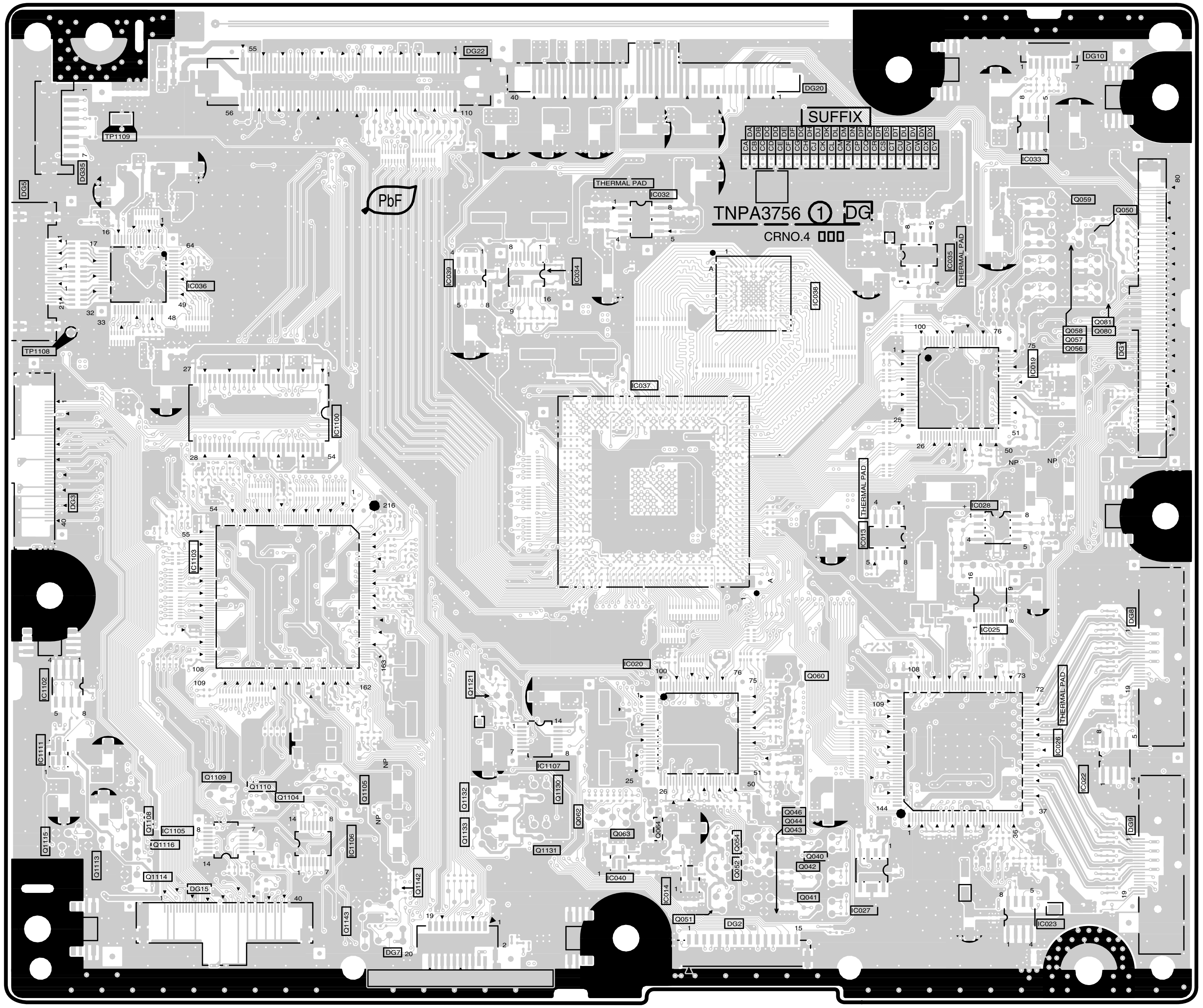
4

3

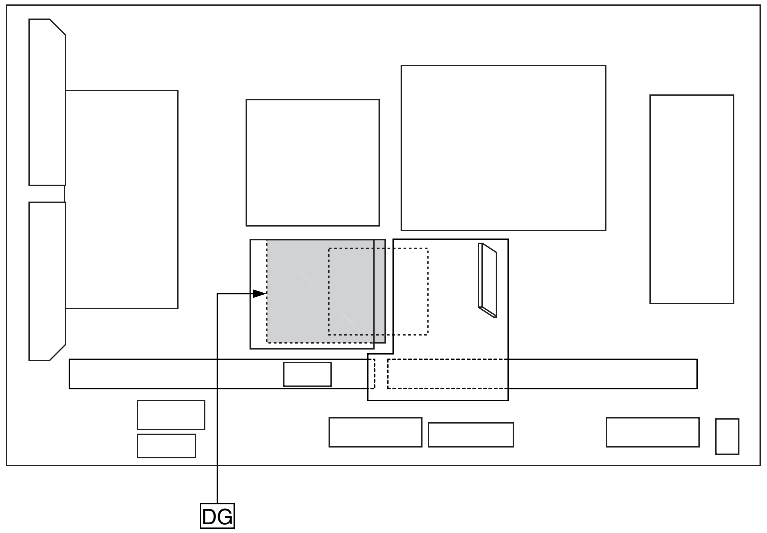
2

1

DG-BOARD (COMPONENT SIDE)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)



TNPA3756 ① DG
CRNO.4
SUFFIX
PbF
THERMAL PAD
TP1109
TP1108
DG5
DG35
DG20
DG22
DG10
DG3
DG33
DG38
DG39
DG15
DG7
DG2
IC032
IC033
IC034
IC035
IC036
IC037
IC038
IC039
IC013
IC019
IC020
IC022
IC023
IC025
IC026
IC027
IC028
IC040
IC014
IC1100
IC1102
IC1103
IC1105
IC1106
IC1107
IC1111
Q059
Q050
Q056
Q057
Q058
Q080
Q081
Q060
Q063
Q062
Q064
Q040
Q041
Q042
Q043
Q044
Q046
Q051
Q054
Q1104
Q1109
Q1110
Q1113
Q1114
Q1115
Q1116
Q1108
Q1121
Q1130
Q1131
Q1132
Q1133
Q1142
Q1143
Q1105
NP

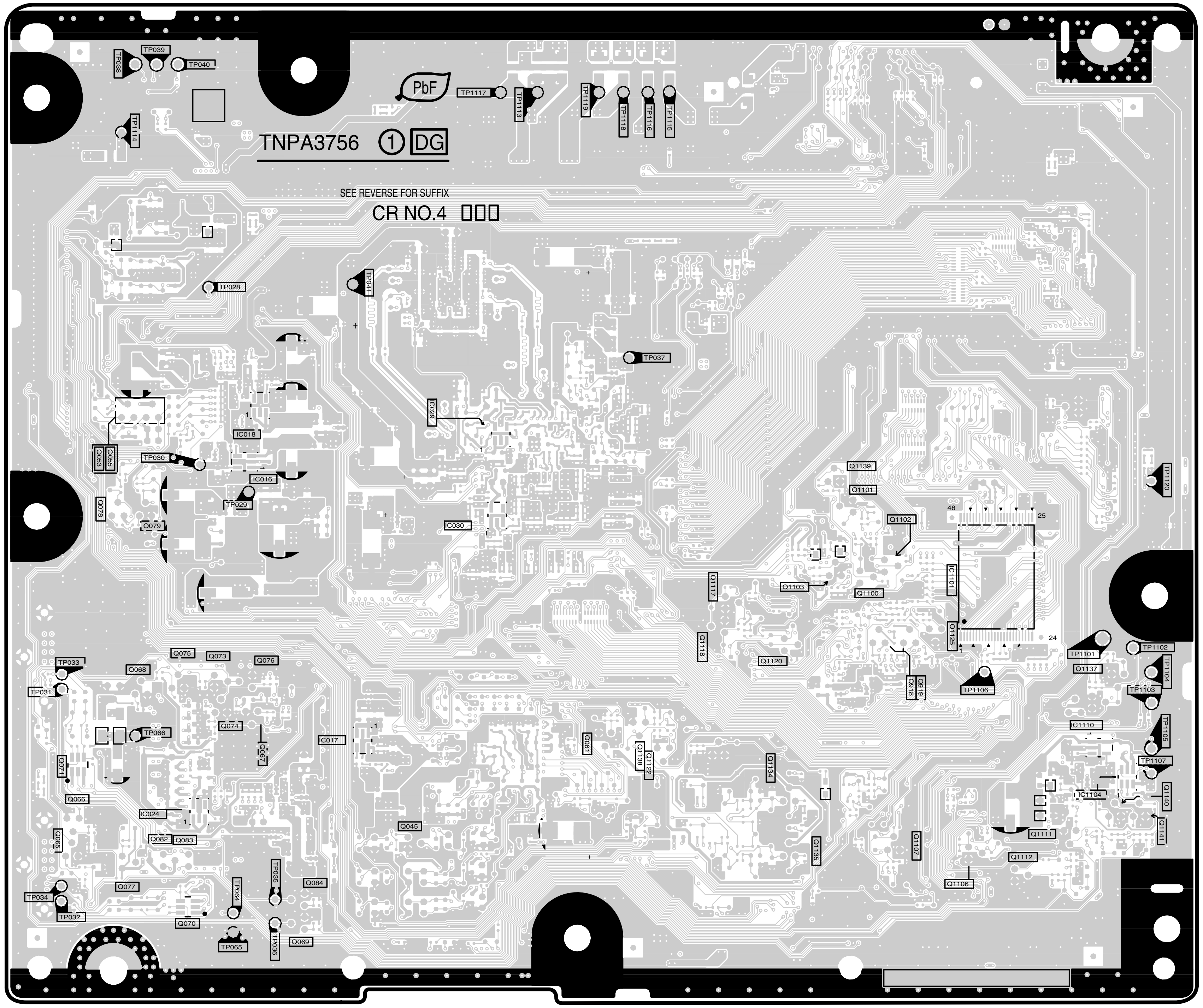


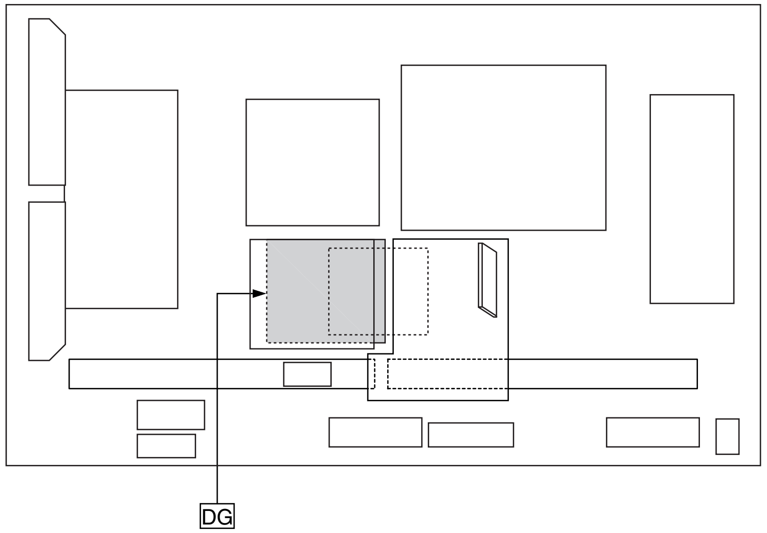
Parts Location

DG-BOARD (COMPONENT SIDE)			
IC		**TRANSISTOR**	
IC1100	C-4	Q1104	B-2
IC1102	A-2	Q1105	C-2
IC1103	B-3	Q1108	B-2
IC1105	B-2	Q1109	B-2
IC1106	C-2	Q1110	B-2
IC1107	D-2	Q1113	A-2
IC1111	A-2	Q1114	B-2
IC4013	E-3	Q1115	A-2
IC4014	D-1	Q1116	B-2
IC4019	F-4	Q1121	C-2
IC4020	D-3	Q1130	D-2
IC4022	F-2	Q1131	D-2
IC4023	F-1	Q1132	C-2
IC4025	F-3	Q1133	C-2
IC4026	F-2	Q1142	C-1
IC4027	E-1	Q1143	C-1
IC4028	F-3	Q4040	E-2
IC4032	D-5	Q4041	E-1
IC4033	F-5	Q4042	E-2
IC4034	D-4	Q4043	E-2
IC4035	E-4	Q4044	E-2
IC4036	B-4	Q4046	E-2
IC4037	D-4	Q4050	F-5
IC4038	E-4	Q4051	D-1
IC4039	C-4	Q4052	D-2
IC4040	D-2	Q4054	D-2
		Q4056	F-4
		Q4057	F-4
		Q4058	F-4
		Q4059	F-5
		Q4060	E-2
		Q4062	D-2
		Q4063	D-2
		Q4064	D-2
		Q4080	F-4
		Q4081	F-4
TP			
TP1108	A-4		
TP1109	A-5		

A B C D E F G H I

DG-BOARD (FOIL SIDE)
TNPA3756CA (PV600E)
TNPA3756CG (PX600B)





Parts Location

DG-BOARD (FOIL SIDE)

IC	
IC1101	E-3
IC1104	F-2
IC1110	F-2
IC4016	B-3
IC4017	B-2
IC4018	B-4
IC4024	B-2
IC4029	C-4
IC4030	C-3

TRANSISTOR	
Q1100	E-3
Q1101	E-3
Q1102	E-3
Q1103	E-3
Q1106	E-1
Q1107	E-2
Q1111	F-2
Q1112	F-2
Q1117	D-3
Q1118	D-3
Q1120	E-3
Q1122	D-2
Q1125	E-3
Q1134	E-2
Q1135	E-2
Q1137	F-2
Q1138	D-2
Q1139	E-3
Q1140	F-2
Q1141	F-2
Q4045	C-2
Q4053	A-3
Q4055	A-3
Q4061	D-2
Q4065	A-2
Q4066	A-2
Q4067	B-2
Q4068	B-2
Q4069	B-1
Q4070	B-1
Q4071	A-2
Q4073	B-3
Q4074	B-2
Q4075	B-3
Q4076	B-3
Q4077	B-1
Q4078	A-3
Q4079	B-3
Q4082	B-2
Q4083	B-2
Q4084	B-1
Q4918	E-2
Q4919	E-2

TP	
TP1101	F-3
TP1102	F-3
TP1103	F-2
TP1104	F-2
TP1105	F-2
TP1106	F-2
TP1107	F-2
TP1113	C-5
TP1114	B-5
TP1115	D-5
TP1116	D-5
TP1117	C-5
TP1118	D-5
TP1119	D-5
TP1120	F-3
TP4028	B-4
TP4029	B-3
TP4030	B-3
TP4031	A-2
TP4032	A-4
TP4033	A-3
TP4034	A-1
TP4035	B-1
TP4036	B-1
TP4037	D-4
TP4038	B-5
TP4039	B-5
TP4040	B-5
TP4041	C-4
TP4064	B-1
TP4065	B-1
TP4066	B-2

TH-37/42PV600E
DG-BOARD TNPA3756CA

TH-37/42PX600B
DG-BOARD TNPA3756CG

TH-37/42PV600E
DG-BOARD TNPA3756CA

TH-37/42PX600B
DG-BOARD TNPA3756CG

6

5

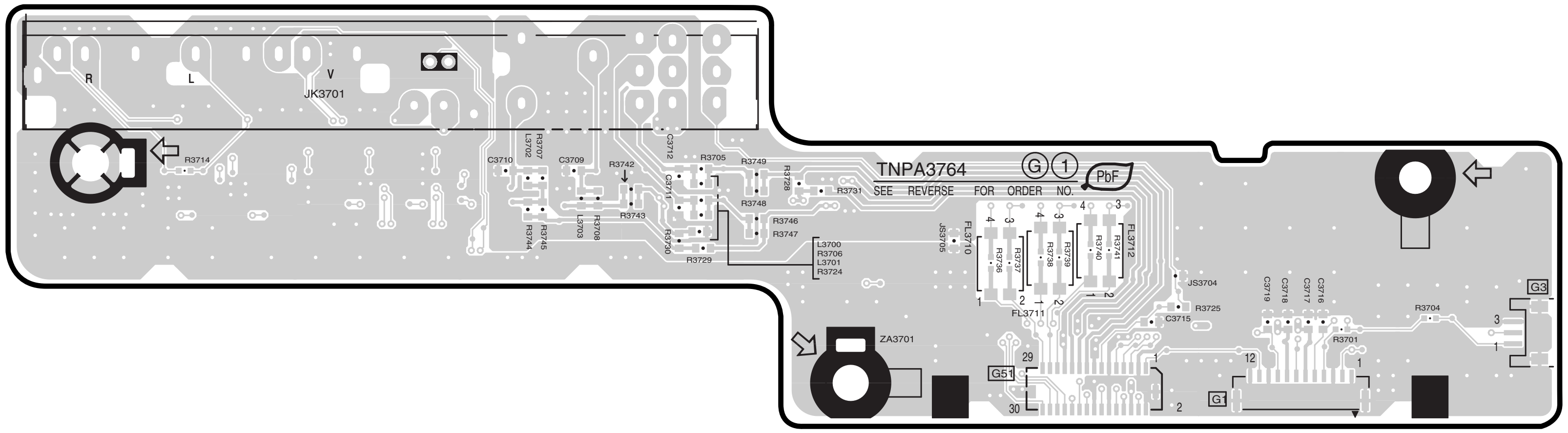
4

3

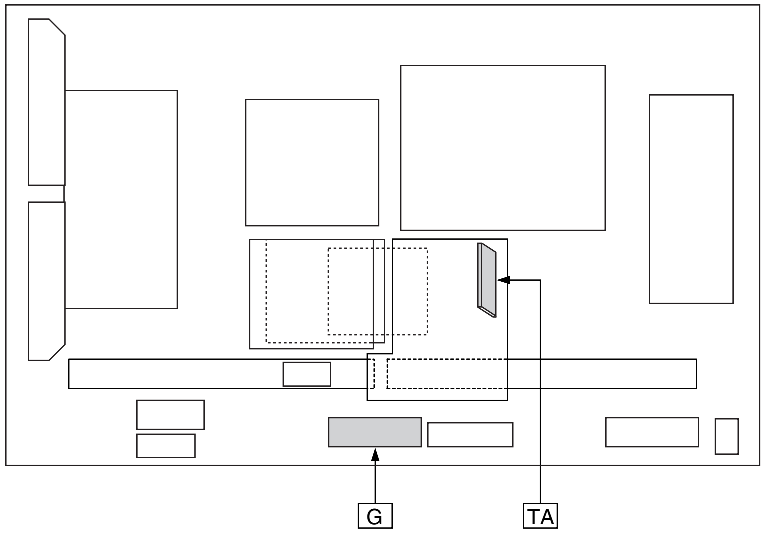
2

1

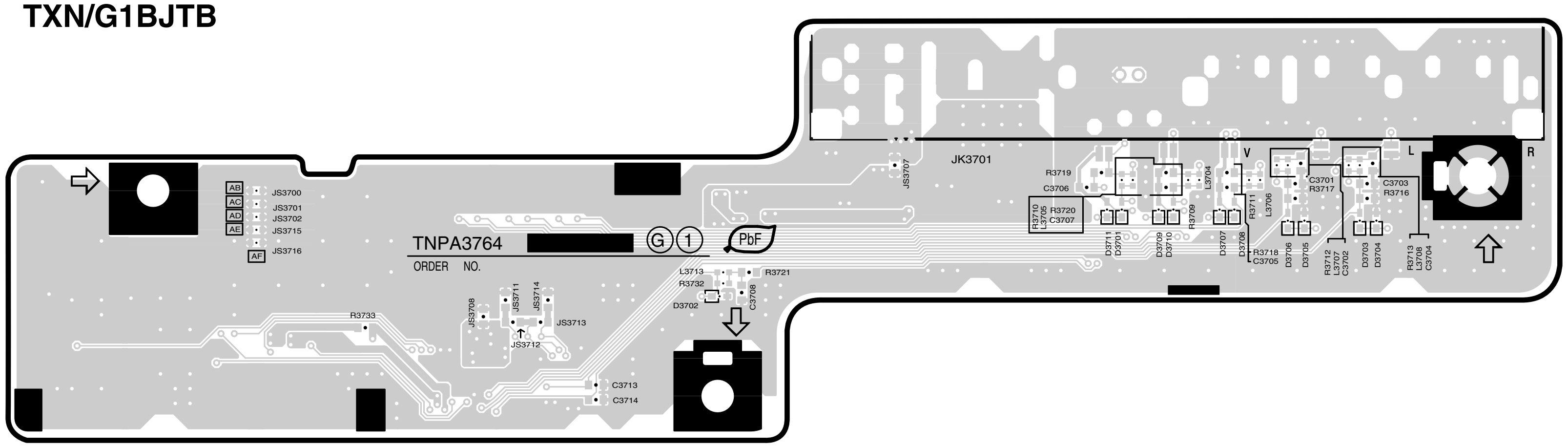
G-BOARD (FOIL SIDE)
TXN/G1BJTB



R
L
V
JK3701
R3714
TNPA3764
G
1
SEE REVERSE FOR ORDER NO.
PbF
C3710
C3709
R3742
R3743
R3705
R3749
R3748
R3746
R3747
R3729
R3731
FL3710
FL3711
FL3712
JS3704
C3715
R3725
R3704
R3701
ZA3701
G51
G1
G3
29
30
12
2
1
3

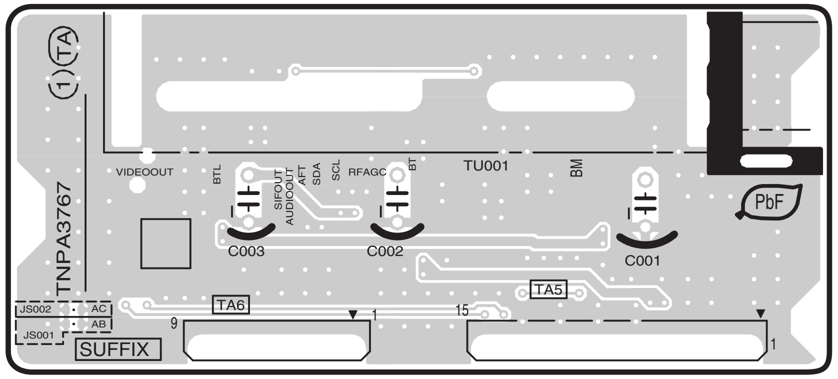


G-BOARD (COMPONENT SIDE)
TXN/G1BJTB



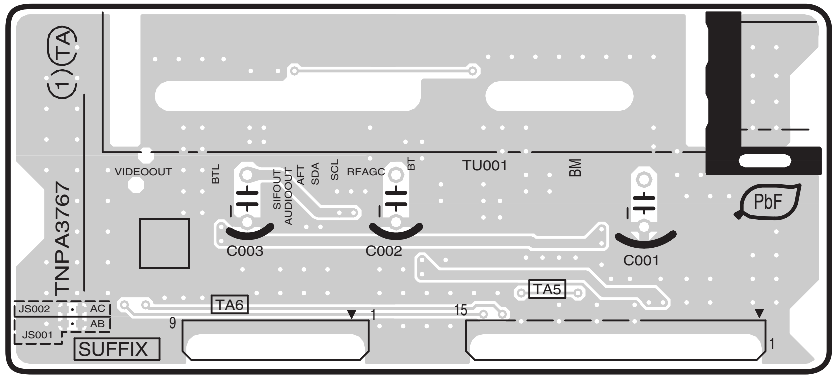
JK3701
AB
AC
AD
AE
AF
JS3700
JS3701
JS3702
JS3715
JS3716
TNPA3764
ORDER NO.
G
1
PbF
JS3707
R3719
C3706
R3720
C3707
C3701
R3717
C3703
R3716
L
R
R3721
L3713
R3732
D3702
C3708
R3733
JS3708
JS3711
JS3714
JS3713
JS3712
C3713
C3714

TA-BOARD (FOIL SIDE)
TNPA3767 (PV600E)
TNPA3767AB (PX600B)



TA
1
TNPA3767
VIDEOOUT
BTL
SIFOUT
AUDIOOUT
AFT
SDA
SCL
RFAGC
BT
TU001
BM
PbF
C003
C002
C001
JS002
JS001
AC
AB
SUFFIX
TA6
TA5
9
1
15
1

TA-BOARD (COMPONENT SIDE)
TNPA3767 (PV600E)
TNPA3767AB (PX600B)



TA
1
TNPA3767
VIDEOOUT
BTL
SIFOUT
AUDIOOUT
AFT
SDA
SCL
RFAGC
BT
TU001
BM
PbF
C003
C002
C001
JS002
JS001
AC
AB
SUFFIX
TA6
TA5
9
1
15
1

TH-37/42PV600E, TH-37/42PX600B
G-BOARD TXN/G1BJTB

TH-37/42PV600E
TA-BOARD TNPA3767

TH-37/42PX600B
TA-BOARD TNPA3767AB

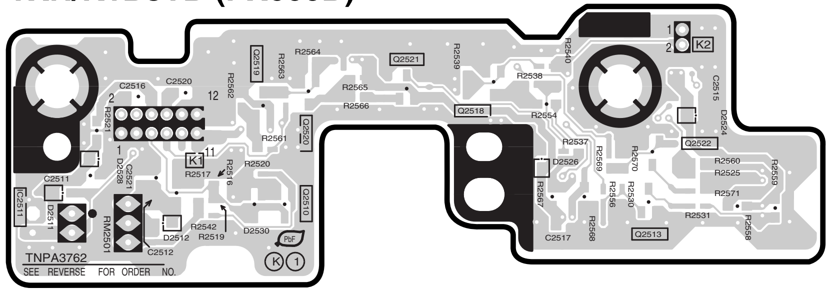
TH-37/42PV600E, TH-37/42PX600B
G-BOARD TXN/G1BJTB

TH-37/42PV600E
TA-BOARD TNPA3767

TH-37/42PX600B
TA-BOARD TNPA3767AB

A B C D E F G H I

K-BOARD (FOIL SIDE)
TXN/K1BJTE (PV600E)
TXN/K1BJTB (PX600B)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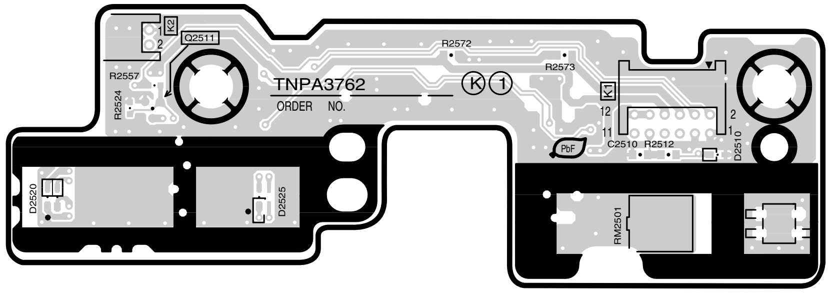
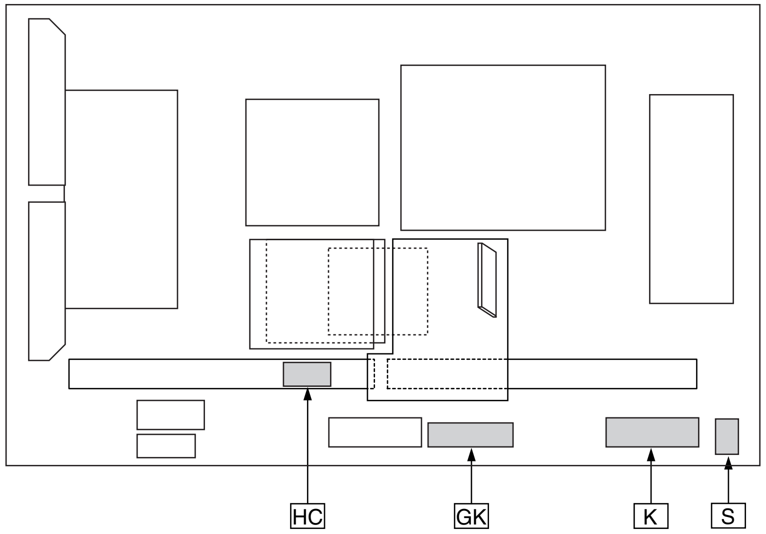
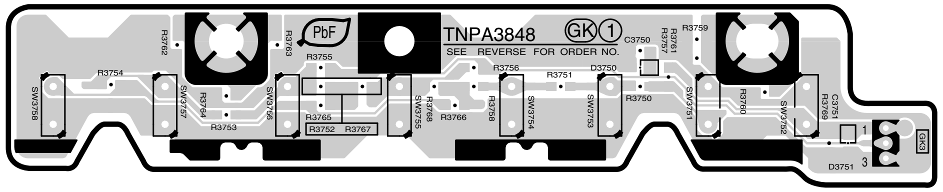
K1
K2
Q2521
Q2518
Q2522
Q2513
Q2519
Q2510
RM2501
C2516
C2520
C2511
C2512
C2517
D2512
D2530
D2526

K-BOARD (COMPONENT SIDE)
TXN/K1BJTE (PV600E)
TXN/K1BJTB (PX600B)

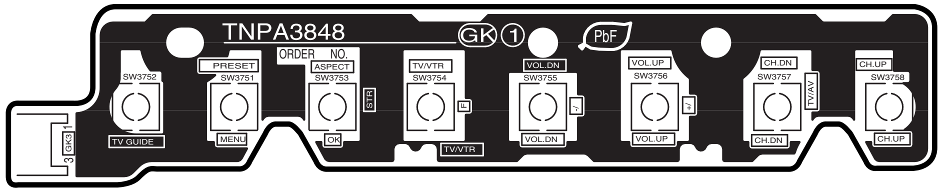

TNPA3762
ORDER NO.
K1
K2
Q2511
R2557
R2524
R2572
R2573
C2510
R2512
D2510
D2520
D2525
RM2501



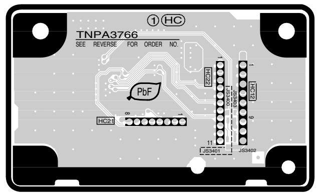
GK-BOARD (FOIL SIDE)
TXNGK1BJTB


TNPA3848
SEE REVERSE FOR ORDER NO.
GK ①
PbF
SW3758
SW3757
SW3756
SW3755
SW3754
SW3753
SW3751
SW3752
D3750
D3751
C3750
C3751
GK3

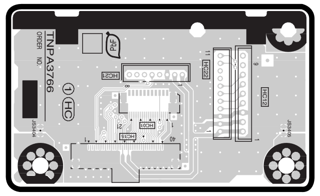
GK-BOARD (COMPONENT SIDE)
TXNGK1BJTB


TNPA3848
ORDER NO.
GK ①
PbF
SW3752
TV GUIDE
PRESET
SW3751
MENU
ASPECT
SW3753
OK
TV/VTR
SW3754
TV/VTR
VOL.DN
SW3755
VOL.DN
VOL.UP
SW3756
VOL.UP
CH.DN
SW3757
CH.DN
AV/A
CH.UP
SW3758
CH.UP
GK3

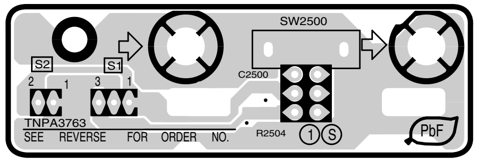
HC-BOARD (FOIL SIDE)
TNPA3766


① HC
TNPA3766
SEE REVERSE FOR ORDER NO.
PbF

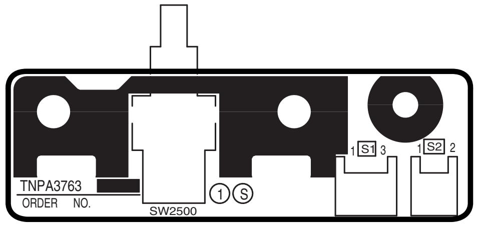
HC-BOARD (COMPONENT SIDE)
TNPA3766


TNPA3766
ORDER NO.
① HC
PbF

S-BOARD (FOIL SIDE)
TXN/S1BJTB


SW2500
S2
S1
C2500
TNPA3763
SEE REVERSE FOR ORDER NO.
R2504
① S
PbF

S-BOARD (COMPONENT SIDE)
TXN/S1BJTB


TNPA3763
ORDER NO.
SW2500
① S
S1
S2

TH-37/42PV600E, TH-37/42PX600B
GK-BOARD TXNGK1BJTB
HC-BOARD TNPA3766
S-BOARD TXN/S1BJTB

TH-37/42PV600E
K-BOARD TXN/K1BJTE

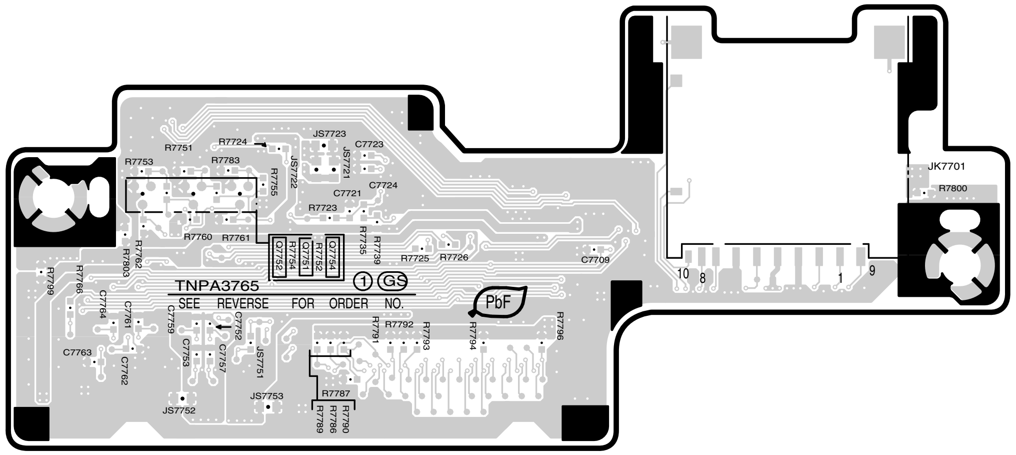
TH-37/42PX600B
K-BOARD TXN/K1BJTB

TH-37/42PV600E, TH-37/42PX600B
GK-BOARD TXNGK1BJTB
HC-BOARD TNPA3766
S-BOARD TXN/S1BJTB

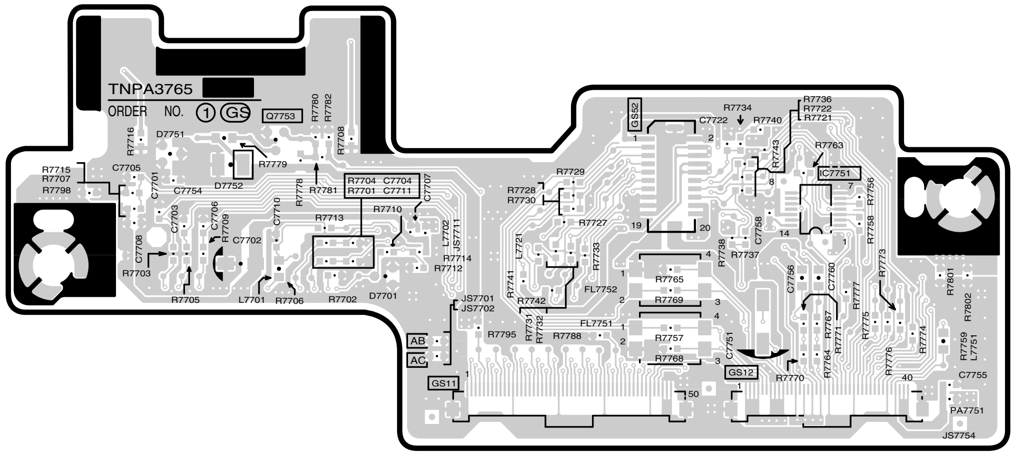
TH-37/42PV600E
K-BOARD TXN/K1BJTE

TH-37/42PX600B
K-BOARD TXN/K1BJTB

GS-BOARD (FOIL SIDE)
TXNGS1BETB


TNPA3765
SEE REVERSE FOR ORDER NO.
① GS
PbF
R7751
R7724
JS7723
C7723
R7753
R7783
R7755
C7724
C7721
R7723
R7760
R7761
Q7752
Q7751
Q7754
R7725
R7726
C7708
JK7701
R7800
C7763
C7762
C7757
JS7751
JS7752
JS7753
R7787
R7792
R7793
R7794
R7796
10
8
1
9

GS-BOARD (COMPONENT SIDE)
TXNGS1BETB


TNPA3765
ORDER NO.
① GS
Q7753
D7751
D7752
D7701
R7779
R7715
R7707
R7798
C7705
C7754
C7702
R7703
R7705
L7701
R7706
R7702
R7781
R7704
C7704
R7701
C7711
R7710
R7713
R7714
R7712
JS7701
JS7702
AB
AC
GS11
GS2
GS12
R7734
C7722
R7740
R7736
R7722
R7721
R7763
IC7751
R7729
R7728
R7730
R7727
R7742
FL7752
FL7751
R7795
R7788
R7765
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JS7754
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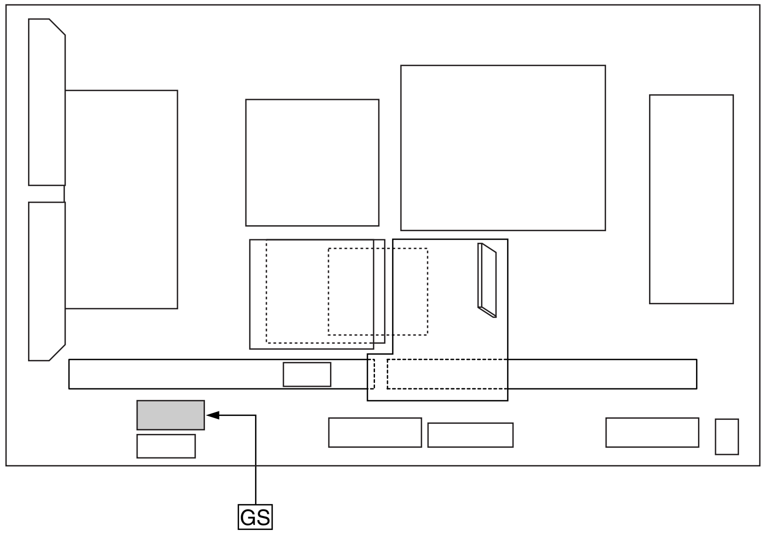
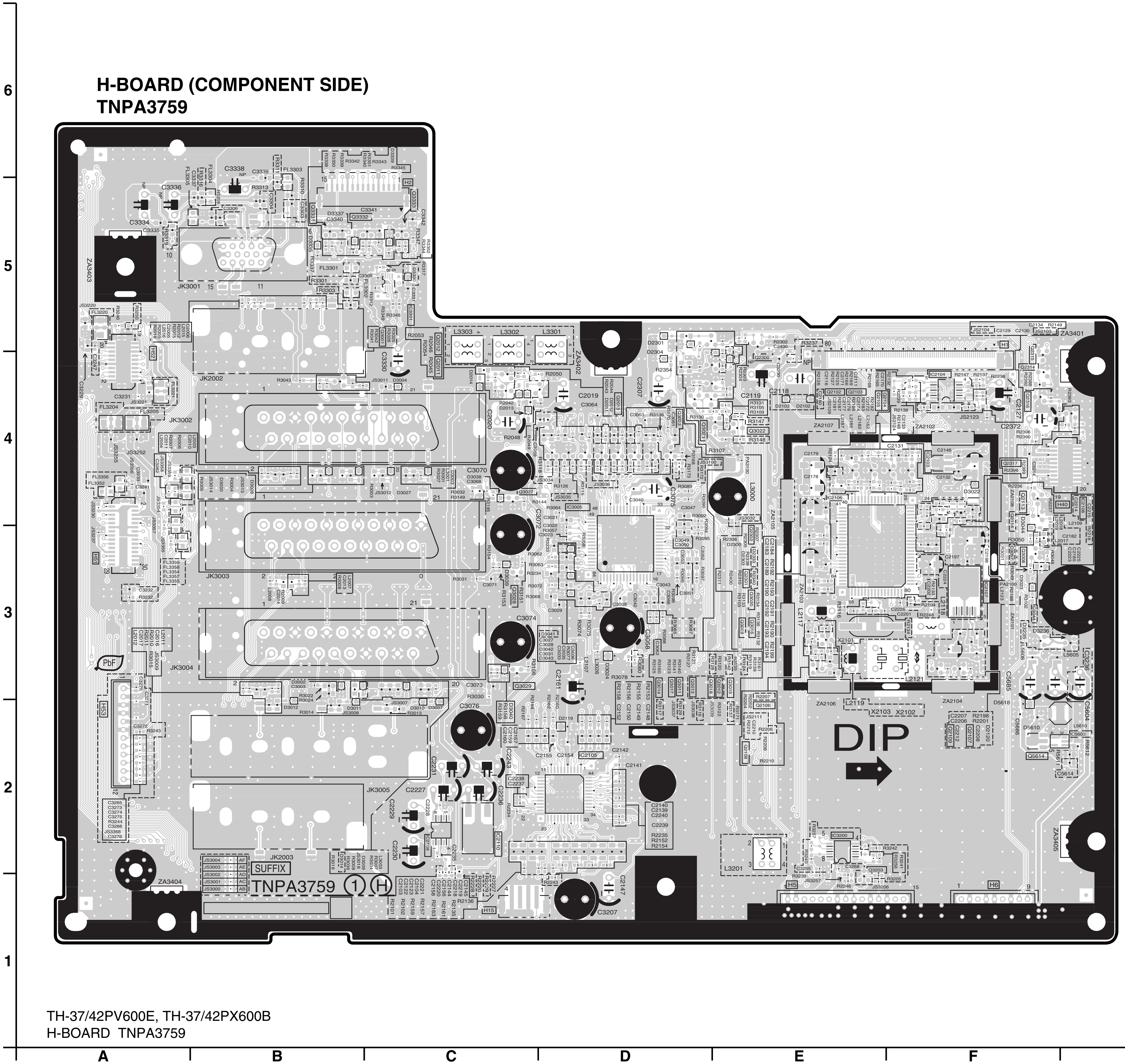
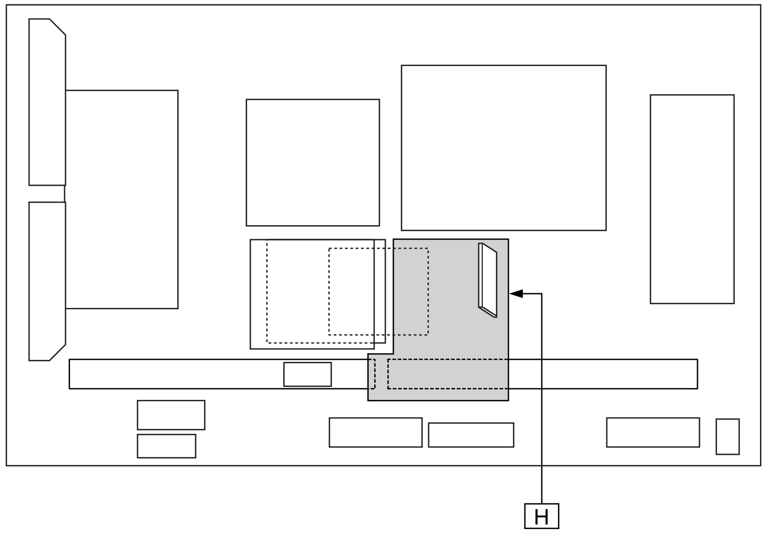


Parts Location

GS-BOARD	
IC	
IC7751	D-2
TRANSISTOR	
Q7751	B-5
Q7752	B-5
Q7753	B-2
Q7754	B-5

H-BOARD (COMPONENT SIDE)
TNPA3759

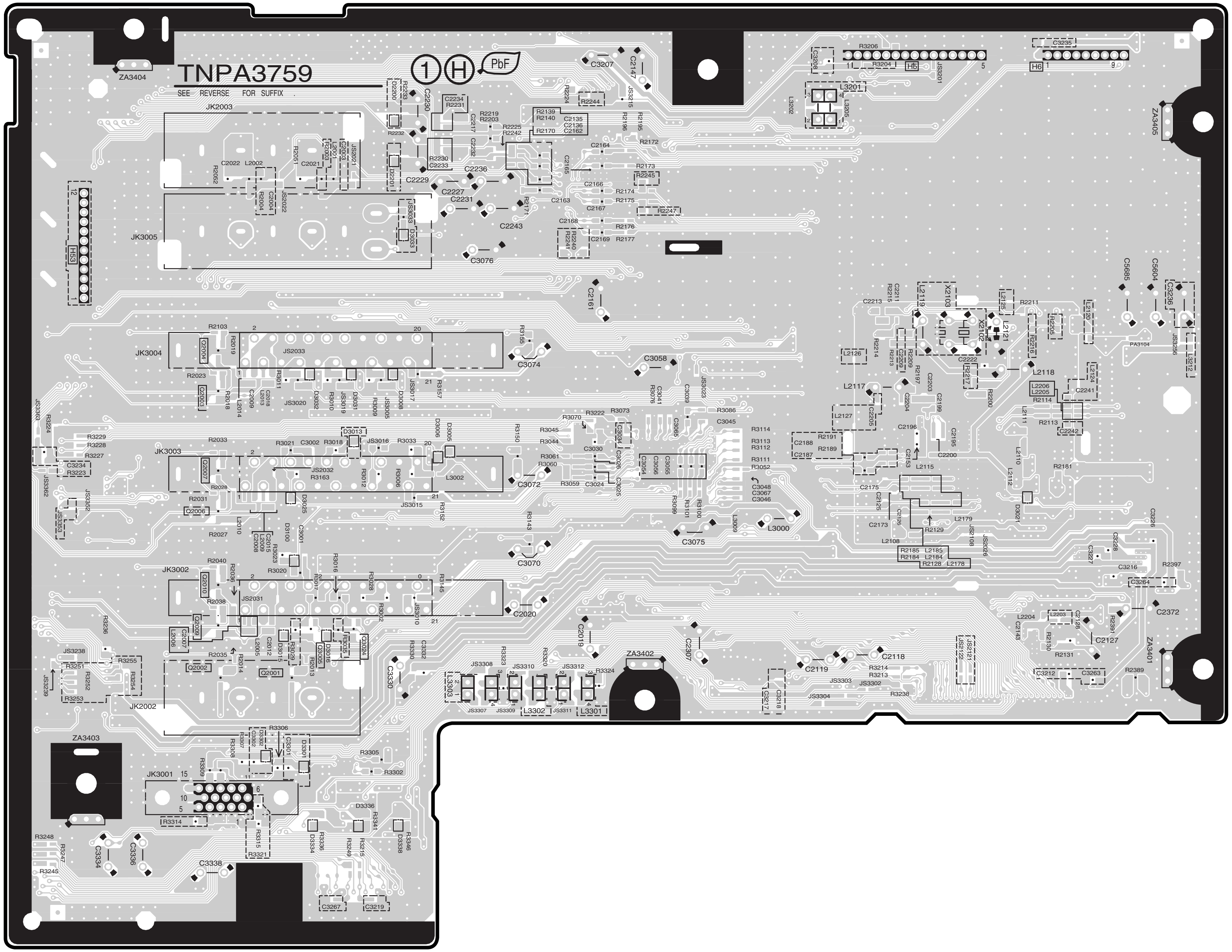

6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
ZA3403
JK3001
JK2002
JK3002
JK3003
JK3004
JK3005
JK2003
ZA3404
ZA3402
ZA3401
ZA3405
L3000
L3301
L3302
L3303
L3201
DIP
SUFFIX
TNPA3759 ① (H)
PbF

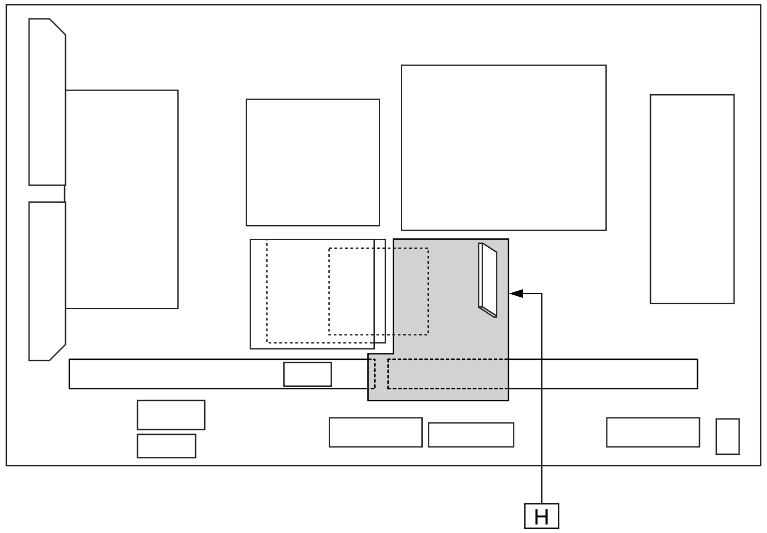


Parts Location

H-BOARD (COMPONENT SIDE)	
IC	
IC2103	F-4
IC2104	F-4
IC2105	D-2
IC2106	E-4
IC2107	F-3
IC2108	G-4
IC2109	C-2
IC2110	C-2
IC3005	D-4
IC3200	E-2
IC3301	C-5
IC5603	G-2
TRANSISTOR	
Q2011	C-4
Q2012	C-5
Q2013	C-4
Q2102	E-4
Q2103	E-4
Q2104	E-4
Q2105	E-4
Q2106	E-2
Q2107	F-2
Q2108	E-2
Q2109	F-2
Q2113	F-4
Q2114	F-4
Q2300	E-4
Q2301	E-3
Q2302	E-3
Q2314	F-4
Q2315	F-5
Q2316	F-4
Q2317	F-4
Q3001	C-5
Q3008	F-3
Q3011	D-3
Q3012	E-3
Q3013	D-3
Q3014	D-3
Q3015	E-3
Q3016	E-3
Q3017	D-3
Q3018	E-3
Q3019	E-3
Q3020	E-3
Q3021	D-4
Q3022	E-4
Q3023	D-4
Q3027	C-4
Q3028	C-3
Q3029	C-3
Q3203	E-2
Q3331	B-5
Q3332	B-5
Q3333	C-5
Q5614	F-2

H-BOARD (FOIL SIDE)
TNPA3759

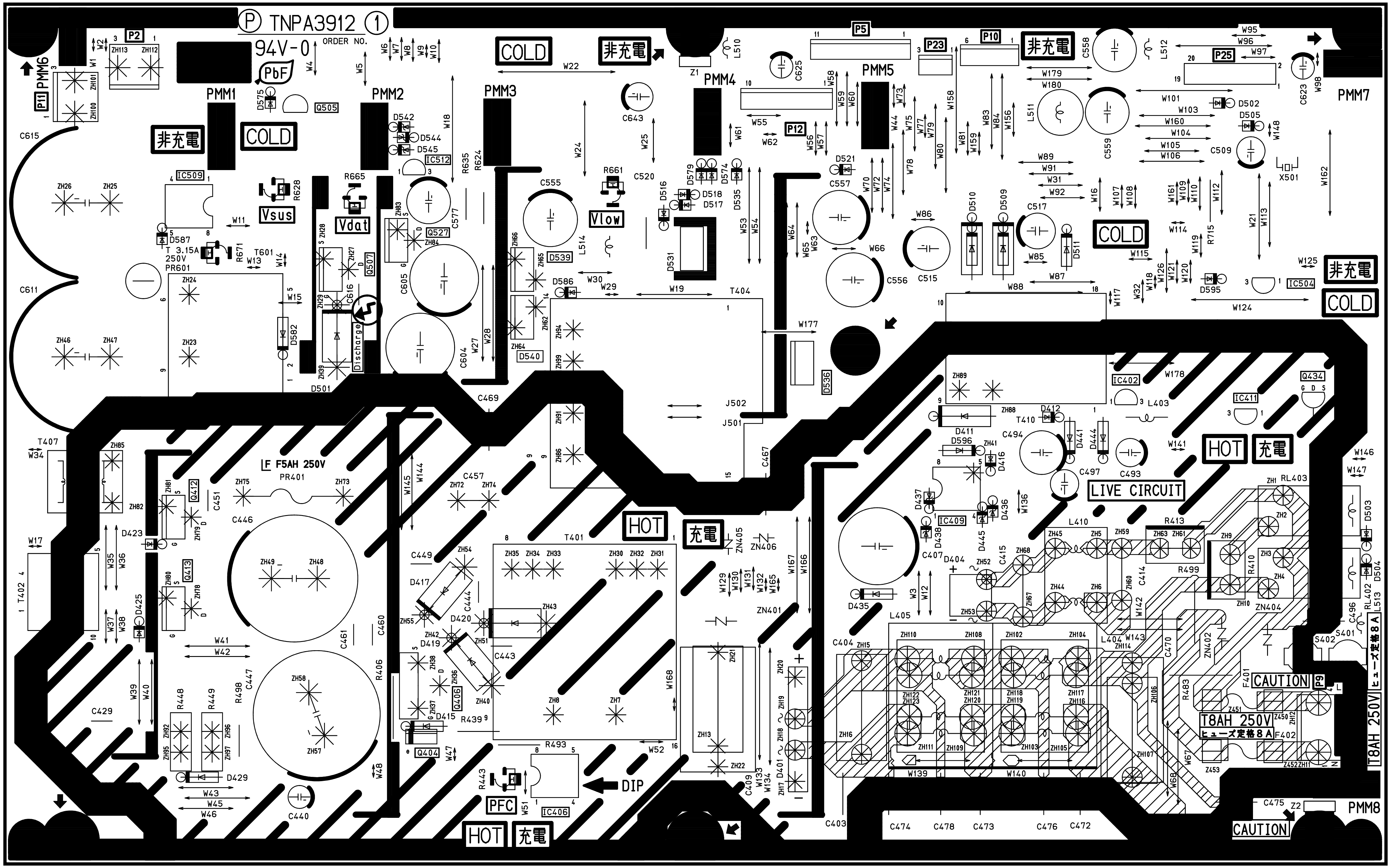

TNPA3759
SEE REVERSE FOR SUFFIX
1 H PbF
ZA3404
ZA3405
ZA3402
ZA3401
ZA3403
JK2003
JK3005
JK3004
JK3003
JK3002
JK2002
JK3001
C3207
C2147
L3201
C3235
H5
H6
X2103
X2102
L2118
L2117
C3058
C3074
C3072
C3070
C3075
L3000
C3076
C2161
C2020
C2019
C2907
C2119
C2118
C2127
C2372
C3330
C3338
C3334
C3336
L3302
L3301
L3303
C5685
C5604



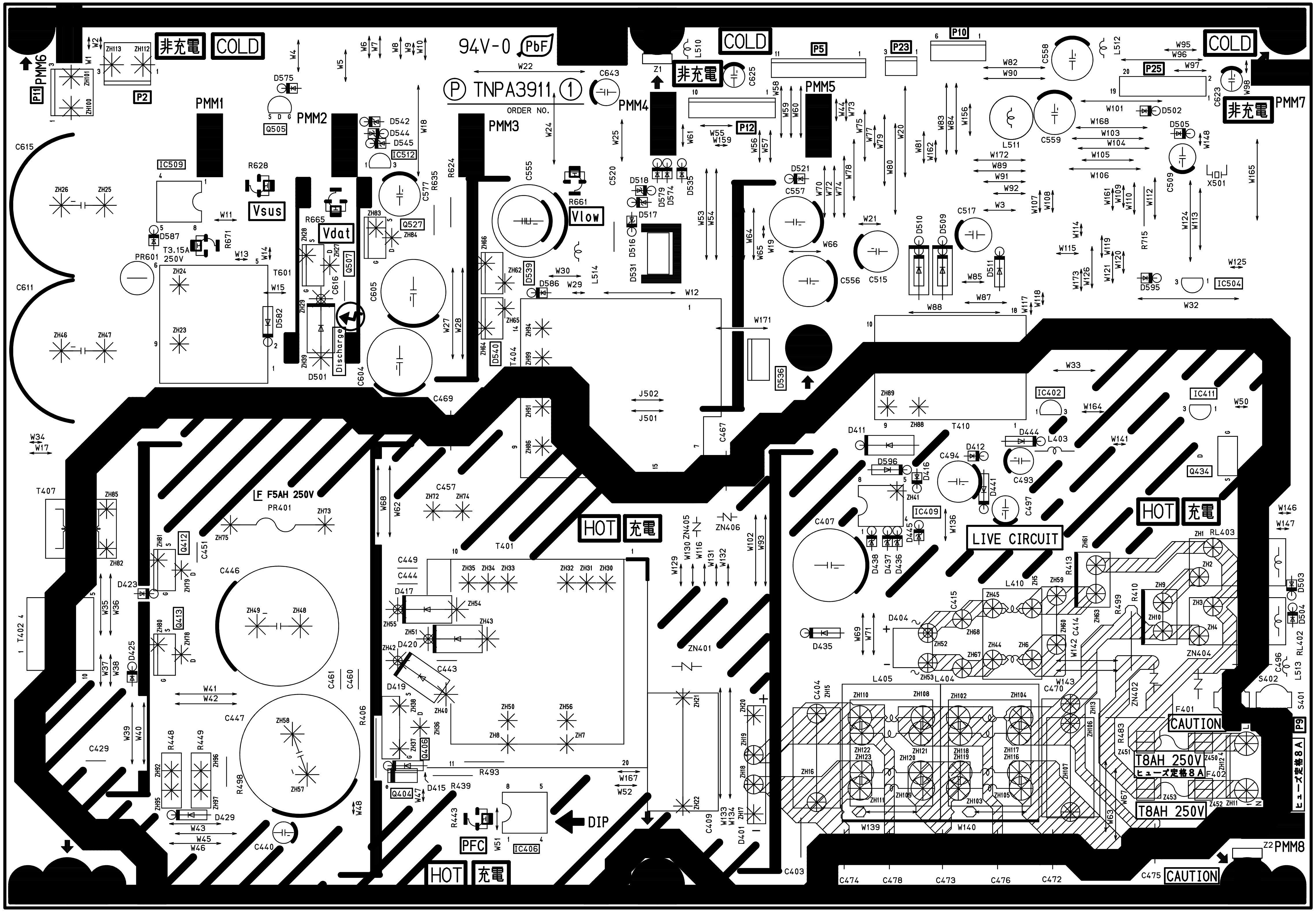
Parts Location

H-BOARD (FOIL SIDE)			
TRANSISTOR		Q3005	B-3
Q2001	B-2	Q3024	C-3
Q2002	B-2		
Q2003	B-4		
Q2004	B-4		
Q2006	B-3		
Q2007	B-3		
Q2009	B-3		
Q2010	B-3		

P-BOARD (COMPONENT SIDE)
TXN/P1BKTB


TNPA3912
94V-0
ORDER NO.
PbF
PMM1
PMM2
PMM3
PMM4
PMM5
PMM6
PMM7
PMM8
COLD
非充電
HOT
充電
Vsus
Vdat
Vlow
Discharge
F5AH 250V
T 3.15A 250V
T8AH 250V
ヒューズ定格8A
CAUTION
LIVE CIRCUIT
DIP
PFC
T401
T402
T404
T407
IC509
IC512
IC402
IC411
IC409
IC504
IC406
Q505
Q527
Q507
Q412
Q413
Q406
Q404
Q434
D539
D540
D536
P2
P5
P9
P10
P11
P12
P23
P25
PR401
PR601
J501
J502
RL402
RL403
S401
S402
F401
F402

P-BOARD (COMPONENT SIDE)
TXN/P1BJTB



94V-0
PbF
TNPA3911 ①
ORDER NO.
非充電
COLD
HOT
充電
LIVE CIRCUIT
CAUTION
T8AH 250V
ヒューズ定格８Ａ
F5AH 250V
T3.15A 250V
PMM1
PMM2
PMM3
PMM4
PMM5
PMM6
PMM7
PMM8
P2
P5
P9
P10
P11
P12
P23
P25
Vsus
Vdat
Vlow
Discharge
PFC
DIP
IC402
IC404
IC406
IC409
IC411
IC504
IC509
IC512
Q404
Q406
Q412
Q413
Q434
Q505
Q507
Q527
T401
T402
T404
T407
T410
T601
J501
J502
PR401
PR601
C407
C446
C447
C555
C605
C604
C611
C615
D401
D404
D435
D501
RL402
RL403
F401
F402
S401
S402
L403
L404
L405
L410
L510
L511
L512
L513
L514
ZN401
ZN402
ZN404
ZN405
ZN406
Z1
Z2
A
B
C
D
E
F
G
H
I
1
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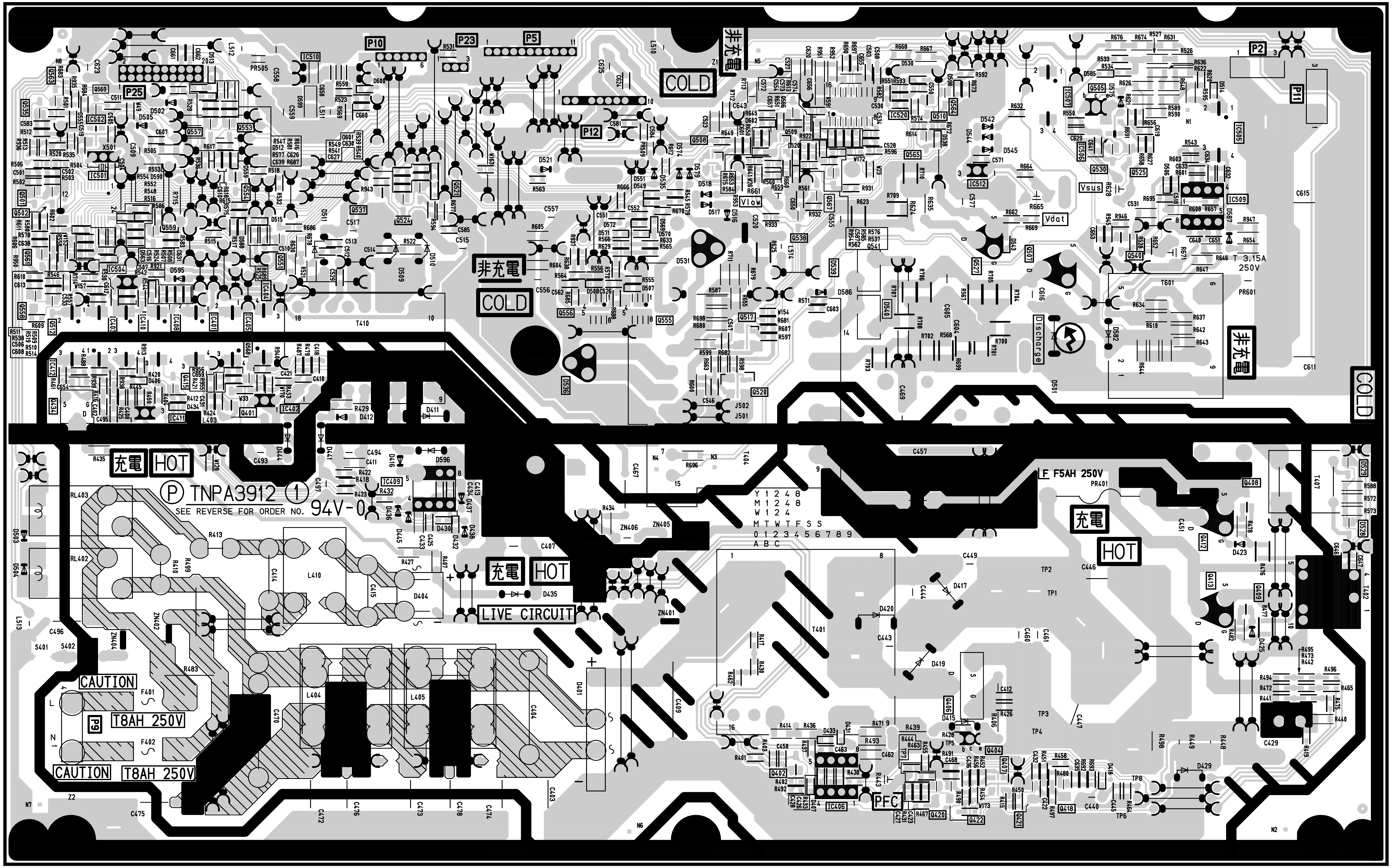
3
4
5
6

P-BOARD (FOIL SIDE)
TXN/P1BKTB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P23
P5
P25
P12
P2
P11
P9
COLD
非充電
充電
HOT
TNPA3912
SEE REVERSE FOR ORDER NO.
94V-0
LIVE CIRCUIT
CAUTION
T8AH 250V
F5AH 250V
T 3.15A 250V
Vsus
Vdat
Vlow
Discharge
PFC
T401
T402
T407
T410
T601
L404
L405
L410
L513
RL402
RL403
F401
F402
PR401
PR601
TP1
TP2
TP3
TP4
TP5
TP6
TP7
TP8

P-BOARD (FOIL SIDE)
TXN/P1BJTB

6

5

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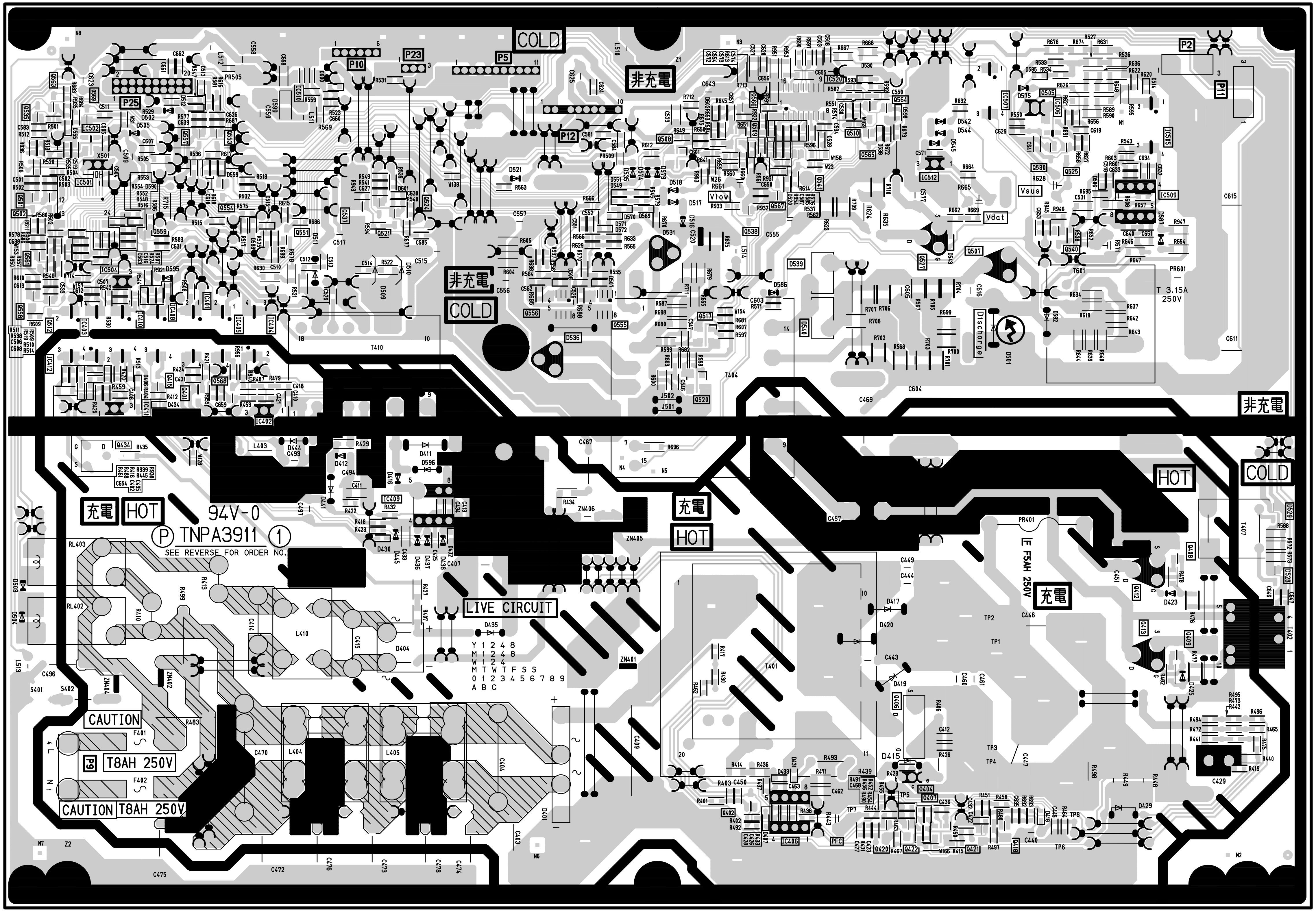
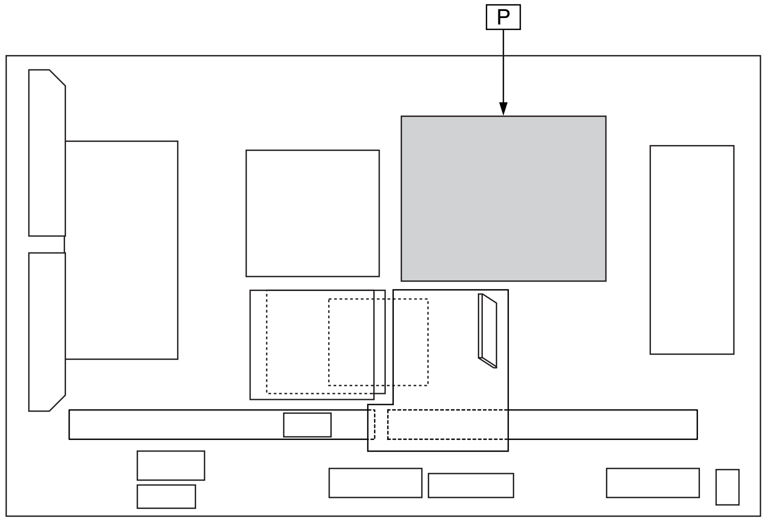
3

2

1


COLD
非充電
P10
P23
P5
P25
P12
P2
P11
非充電
COLD
T410
T404
Discharge
T 3.15A
250V
非充電
HOT
COLD
充電
HOT
94V-0
P TNPA3911 1
SEE REVERSE FOR ORDER NO.
充電
HOT
F F5AH 250V
充電
LIVE CIRCUIT
Y 1 2 4 8
M 1 2 4 8
M T W T F S S
0 1 2 3 4 5 6 7 8 9
A B C
T401
T402
T407
PR401
RL403
RL402
L410
L404
L405
CAUTION
F401
P9
T8AH 250V
F402
CAUTION T8AH 250V
TP1
TP2
TP3
TP4
TP5
TP6
TP7
TP8
PFC

A B C D E F G H I

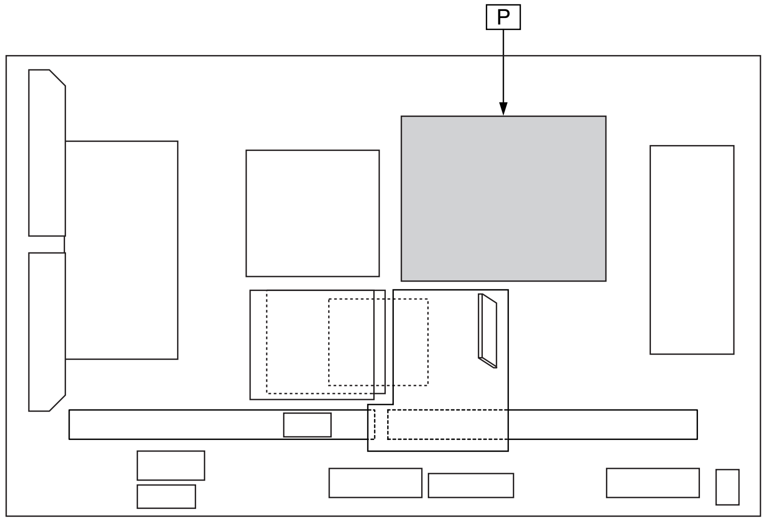


Parts Location

P-BOARD (FOIL SIDE)					
IC		**TRANSISTOR**			
IC401	B-4	Q401	B-4	Q535	A-5
IC402	C-4	Q402	E-2	Q537	C-5
IC403	B-4	Q404	F-1	Q538	E-4
IC404	C-4	Q406	F-2	Q540	G-4
IC405	B-4	Q407	F-1	Q541	F-5
IC406	F-1	Q408	H-3	Q551	C-4
IC408	B-4	Q409	H-3	Q553	B-5
IC409	C-3	Q412	H-3	Q554	B-5
IC410	B-4	Q413	H-3	Q555	E-4
IC411	B-4	Q415	B-4	Q556	D-4
IC412	A-4	Q418	G-1	Q557	B-5
IC501	B-5	Q420	F-1	Q558	A-4
IC502	B-5	Q421	G-1	Q559	B-5
IC504	B-4	Q422	F-1	Q561	A-4
IC505	H-5	Q434	A-4	Q563	A-5
IC506	G-5	Q501	A-5	Q564	F-5
IC507	G-5	Q502	A-5	Q565	F-5
IC509	H-5	Q505	G-5	Q566	E-5
IC510	C-5	Q507	G-4	Q567	F-5
IC512	F-5	Q508	E-5	Q568	B-4
IC520	F-5	Q509	E-5	Q569	B-5
		Q510	F-5	**VOLUME**	
		Q512	A-4	R443	F-2
		Q517	E-4	R628	G-5
		Q520	E-4	R661	E-5
		Q521	D-5	R665	G-5
		Q524	C-5	R671	G-4
		Q525	G-5		
		Q527	F-4		
		Q530	G-5		

Parts Location

P-BOARD (COMPONENT SIDE)					
IC		**TRANSITOR**		**VOLUME**	
IC402	G-4	Q404	C-2	R443	D-2
IC406	D-1	Q406	D-2	R628	C-5
IC409	F-3	Q412	B-3	R661	D-5
IC411	H-4	Q413	B-3	R665	C-5
IC504	H-4	Q434	H-4	R671	B-4
IC509	B-5	Q505	C-5		
IC512	C-5	Q507	C-4		
		Q527	C-5		



Parts Location

P-BOARD (FOIL SIDE)

IC	
IC401	B-4
IC402	C-4
IC403	B-4
IC404	C-4
IC405	C-4
IC406	F-1
IC408	B-4
IC409	C-3
IC410	B-4
IC411	B-4
IC412	A-4
IC501	B-5
IC502	B-5
IC504	B-4
IC505	H-5
IC506	G-5
IC507	G-6
IC509	H-5
IC510	C-6
IC512	F-5
IC520	F-6

TRANSISTOR	
Q401	B-4
Q402	E-1
Q404	F-1
Q406	F-2
Q407	F-1
Q408	H-3
Q409	H-2
Q412	H-3
Q413	H-2
Q415	B-4
Q418	G-1
Q420	F-1
Q421	G-1
Q422	F-1
Q434	B-4
Q501	A-5
Q502	A-5
Q505	G-6
Q507	G-5
Q508	E-5
Q509	E-5
Q510	F-5
Q512	A-4
Q517	E-4
Q520	E-4
Q521	C-5
Q524	D-5
Q525	G-5
Q527	F-5
Q530	G-5
Q535	A-5
Q537	C-5
Q538	E-5
Q540	G-5
Q541	F-5
Q551	C-5
Q553	B-5
Q554	B-5
Q555	E-4
Q556	D-4
Q557	B-5
Q558	A-4
Q559	B-5
Q561	A-5
Q563	A-6
Q564	F-6
Q565	F-5
Q566	E-6
Q567	F-5
Q568	B-4
Q569	B-6

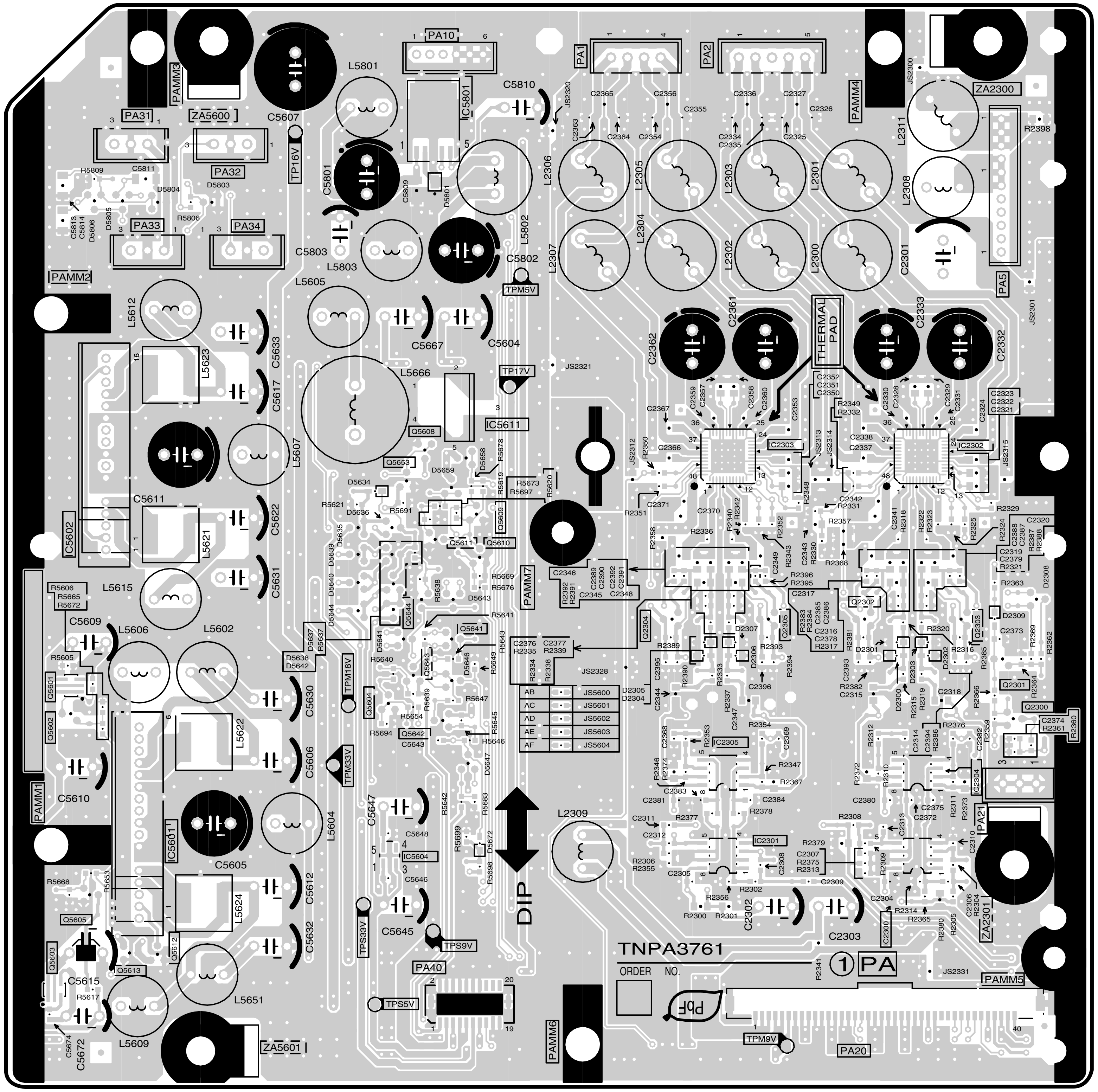
VOLUME	
R443	F-1
R628	G-5
R661	E-5
R665	G-5
R671	G-4

Parts Location

P-BOARD (COMPONENT SIDE)

IC		TRANSITOR		VOLUME	
IC402	G-4	Q404	C-2	R443	D-1
IC406	D-1	Q406	D-2	R628	C-5
IC409	F-3	Q412	B-3	R661	D-5
IC411	H-4	Q413	B-2	R665	C-5
IC504	H-4	Q434	H-3	R671	B-5
IC509	B-5	Q505	C-5		
IC512	C-5	Q507	C-5		
		Q527	C-5		

PA-BOARD (COMPONENT SIDE)
TXNPA1BETB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PA2
PAMM3
PAMM4
PA31
ZA5600
PA32
PA33
PA34
PAMM2
TP16V
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C5810
C5801
IC5801
C5607
C5803
L5803
L5802
C5802
TPM5V
L5605
C5667
C5604
L5612
L5623
C5633
C5617
L5666
TP17V
JS2321
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C5611
IC5602
L5621
C5622
C5631
L5615
C5609
L5606
L5602
Q5653
Q5610
Q5611
Q5641
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C5630
C5606
TPM33V
Q5604
Q5642
C5610
PAMM1
IC5601
C5605
L5604
C5647
IC5604
C5612
L5624
C5632
C5645
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TPS9V
PA40
TPS5V
Q5605
Q5613
Q5612
C5615
L5651
L5609
ZA5601
C5672
Q5601
Q5602
Q5603
PAMM6
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ZA2300
L2307
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L2302
L2300
C2301
PA5
C2362
C2361
THERMAL PAD
C2333
C2332
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IC2302
PAMM7
Q2304
Q2305
Q2302
Q2303
Q2301
Q2300
IC2305
IC2304
IC2301
PA21
ZA2301
L2309
DIP
C2302
C2303
C2300
JS5600
JS5601
JS5602
JS5603
JS5604
AB
AC
AD
AE
AF
JS2328
TNPA3761
ORDER NO.
① PA
PbF
TPM9V
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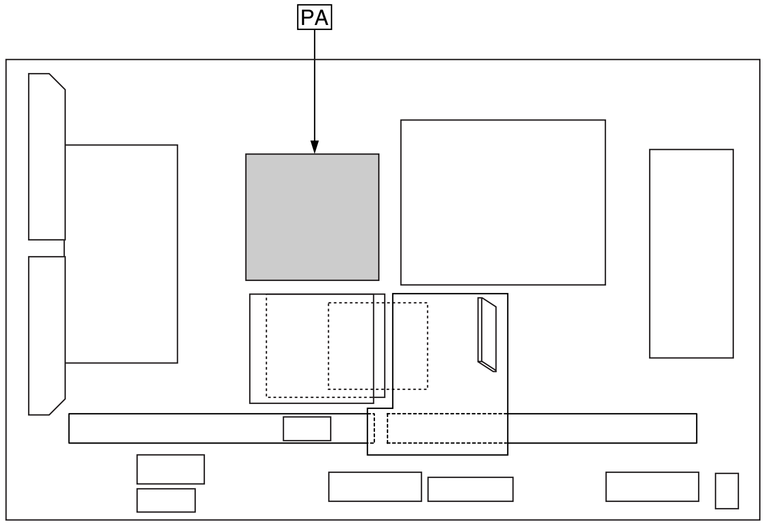
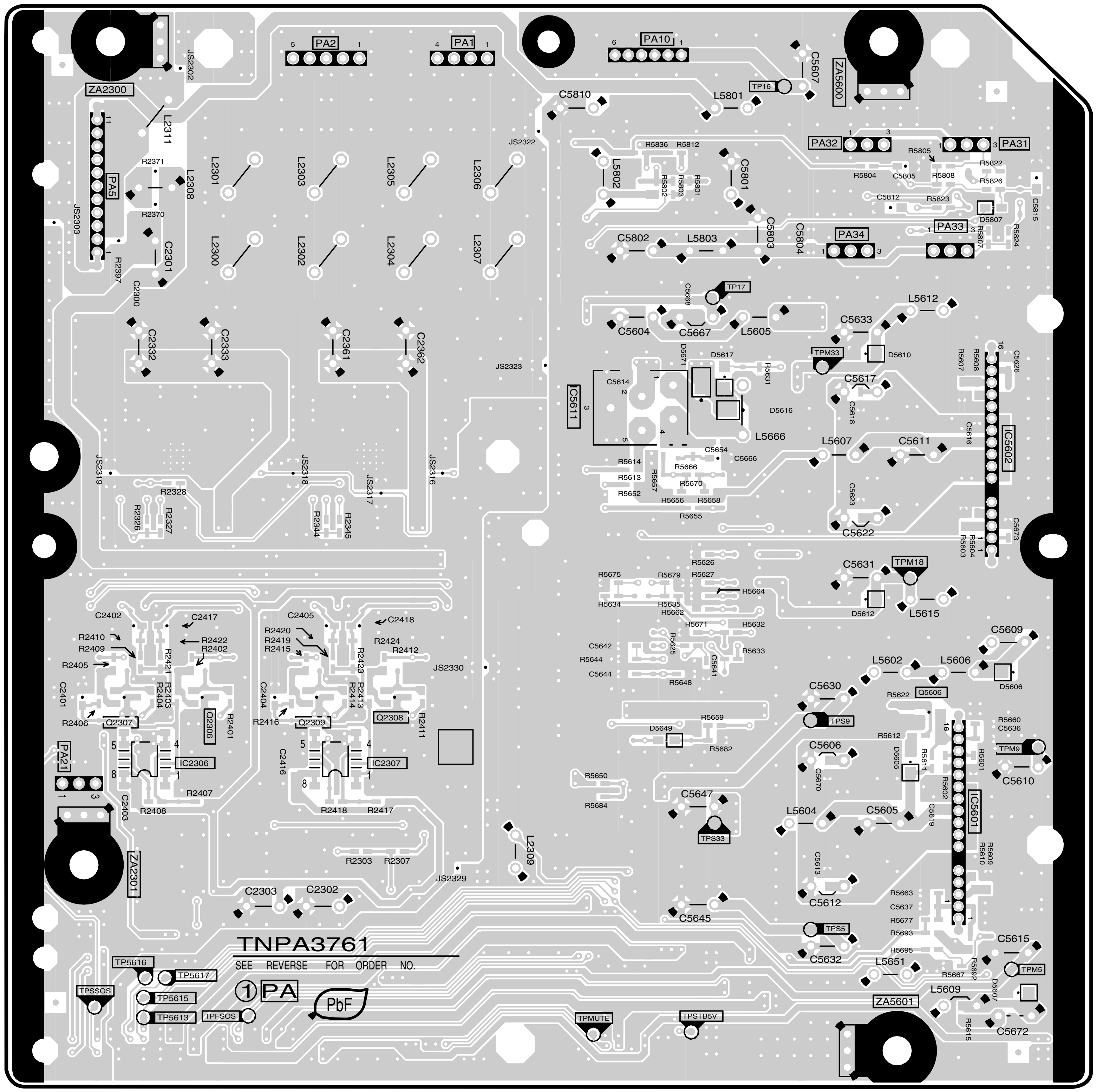


Parts Location

PA-BOARD (COMPONENT SIDE)					
IC		TRANSISTOR		TP	
IC2300	E-2	Q2300	F-3	TP16V	B-5
IC2301	D-2	Q2301	F-3	TP17V	C-4
IC2302	E-4	Q2302	E-2	TPM5V	C-5
IC2303	E-4	Q2303	E-3	TPM18V	B-3
IC2304	E-2	Q2304	D-3	TPM33V	B-2
IC2305	D-3	Q2305	E-3	TPS5V	C-1
IC5601	B-2	Q5601	A-3	TPS9V	C-2
IC5602	A-3	Q5602	A-3	TPS33V	C-2
IC5604	C-2	Q5603	A-1		
IC5611	C-4	Q5604	C-3		
IC5801	C-5	Q5605	A-2		
		Q5608	C-4		
		Q5609	C-4		
		Q5610	C-3		
		Q5611	C-3		
		Q5612	B-1		
		Q5613	A-1		
		Q5641	C-3		
		Q5642	C-3		
		Q5643	C-3		
		Q5644	C-3		
		Q5653	C-4		

PA-BOARD (FOIL SIDE)
TXNPA1BETB



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PA1
PA10
PA5
PA21
PA31
PA32
PA33
PA34
ZA2300
ZA2301
ZA5600
ZA5601
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L2302
L2303
L2304
L2305
L2306
L2307
L2308
L2309
L2311
C2301
C2302
C2303
C2332
C2333
C2361
C2362
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IC2307
IC5601
IC5602
IC5611
Q2306
Q2307
Q2308
Q2309
Q5606
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L5612
L5615
L5651
L5666
L5801
L5802
L5803
TP16
TP17
TPM33
TPM18
TPM9
TPM5
TPS9
TPS5
TPS33
TP5616
TP5617
TP5615
TP5613
TPSSOS
TPFSOS
TPMUTE
TPSTB5V
JS2302
JS2303
JS2316
JS2317
JS2318
JS2319
JS2322
JS2323
JS2329
JS2330
TNPA3761
SEE REVERSE FOR ORDER NO.
① PA
PbF
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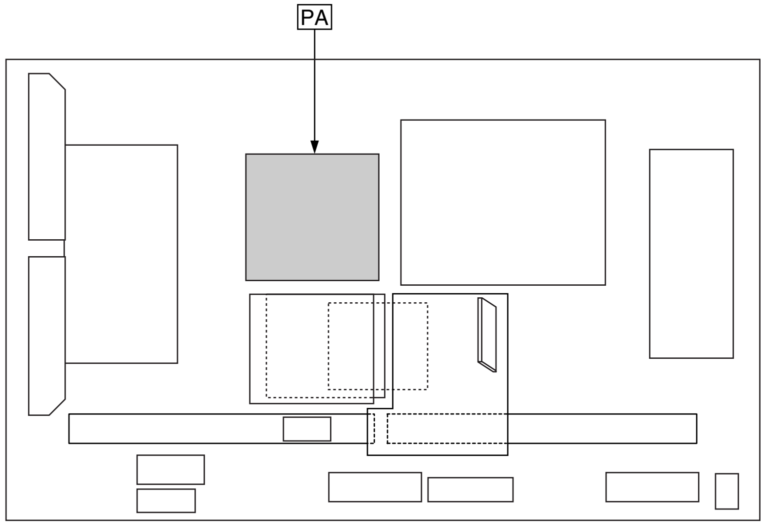
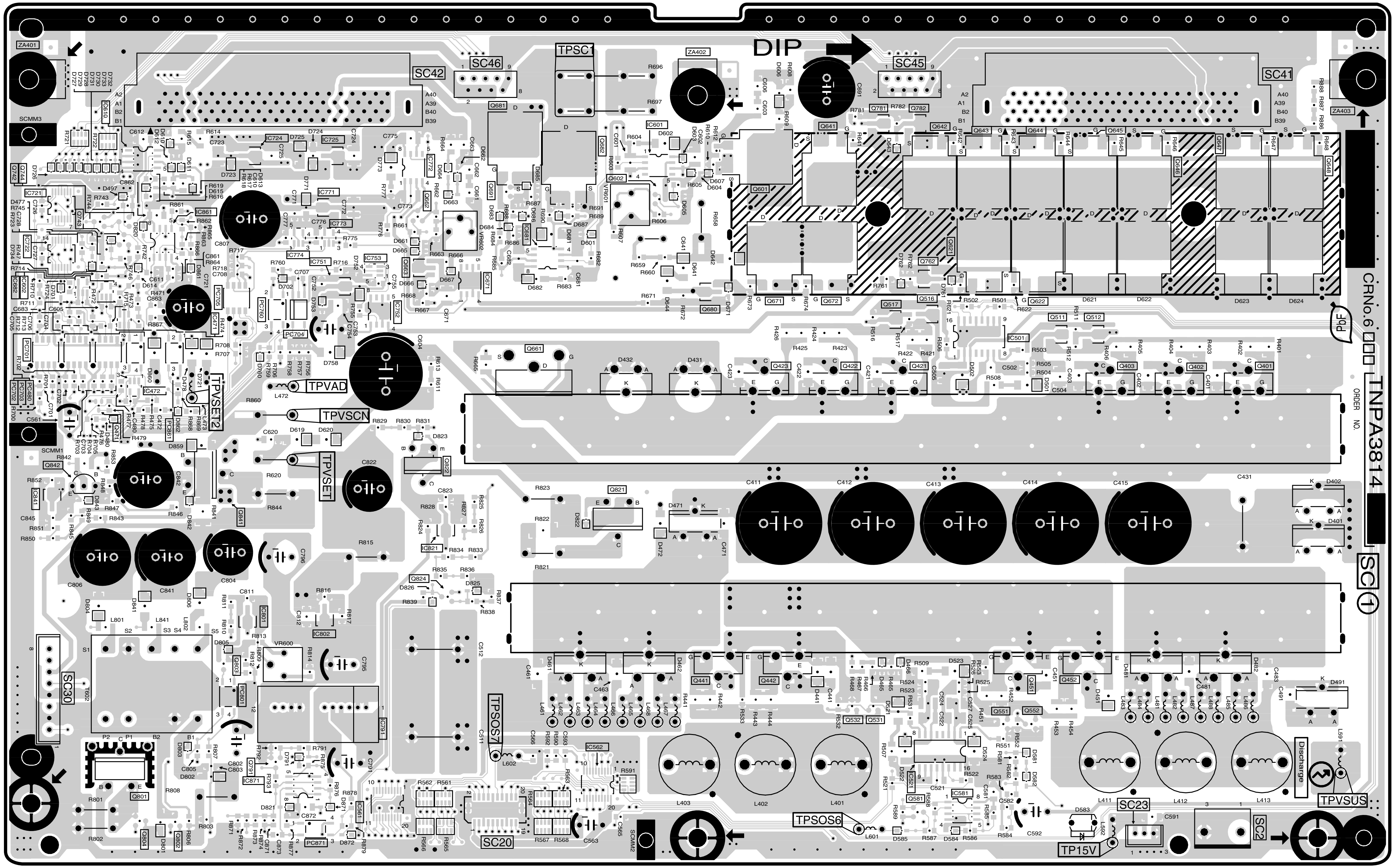


Parts Location

PA-BOARD (FOIL SIDE)			
IC		**TP**	
IC2306	B-2	TP16	D-6
IC2307	C-2	TP17	D-5
IC5601	E-2	TP5613	B-1
IC5602	F-4	TP5615	B-1
IC5611	D-4	TP5616	A-1
TRANSISTOR		TP5617	B-1
Q2306	B-3	TPFSOS	B-1
Q2307	A-2	TPM5	F-2
Q2308	C-3	TPM9	F-2
Q2309	B-3	TPM18	E-3
Q5606	E-3	TPM33	E-4
		TPMUTE	D-1
		TPS5	E-2
		TPS9	E-3
		TPS33	D-2
		TPSSOS	A-1
		TPSTB5V	D-1

SC-BOARD (COMPONENT SIDE)
TXNSC1BKTB (37inch)
TXNSC1BJTB (42inch)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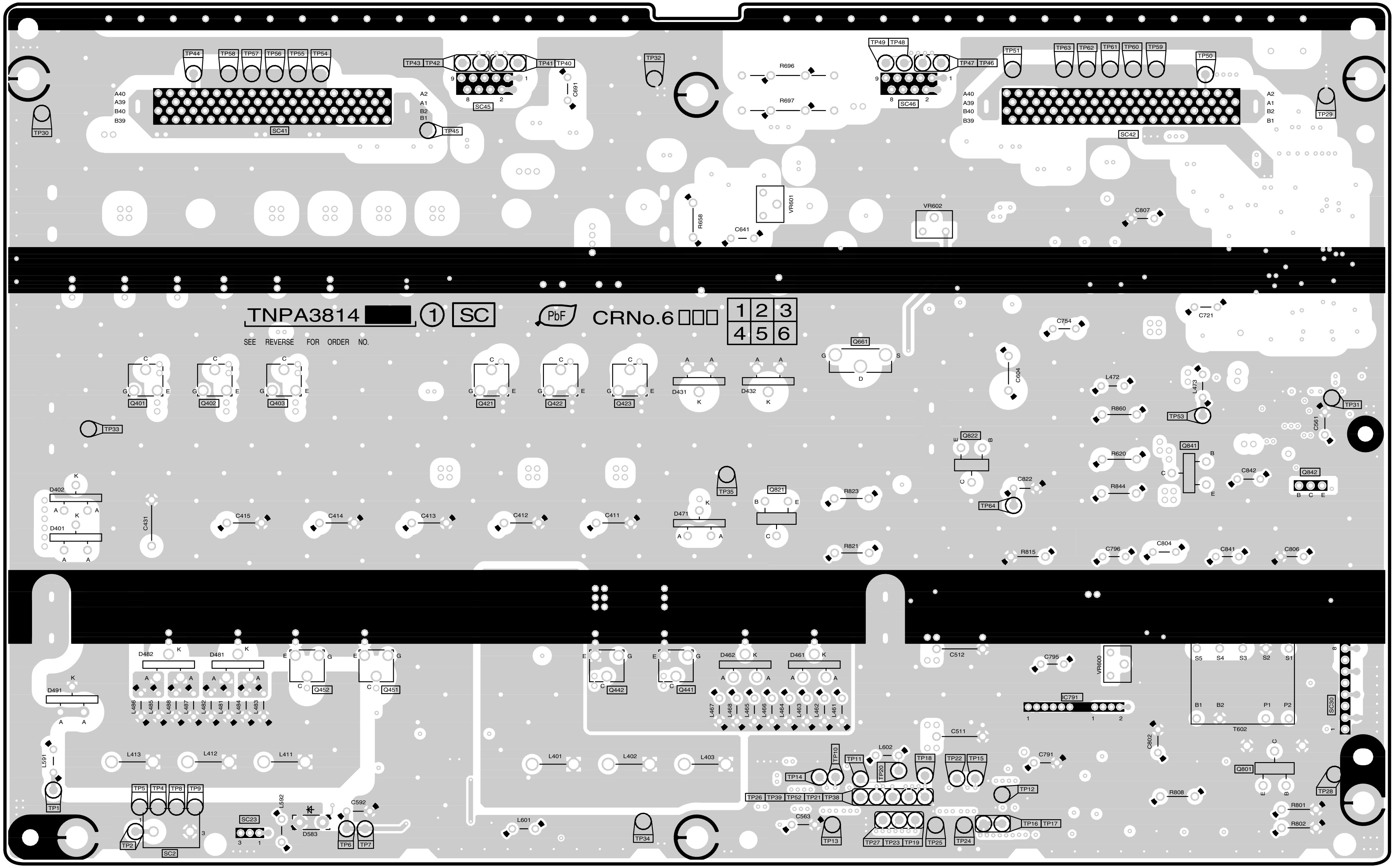
SC45
SC42
SC41
ZA401
ZA402
ZA403
SCMM3
SCMM1
TPVAD
TPVSCN
TPVSET
TPVSET2
TPSOS7
TPSOS6
TPVSUS
TP15V
SC30
SC20
SC23
SC2
SCMM2
Discharge
CRNo.6
TNPA3814
ORDER NO.
SC①
C411
C412
C413
C414
C415
L401
L402
L403
L411
L412
L413

SC-BOARD (FOIL SIDE)
TXNSC1BKTB (37inch)
TXNSC1BJTB (42inch)


TNPA3814
①
SC
PbF
CRNo.6
1 2 3
4 5 6
SEE REVERSE FOR ORDER NO.
SC41
SC42
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SC46
SC2
SC23
SC30
TP1
TP2
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TP4
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VR602
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S1
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P2
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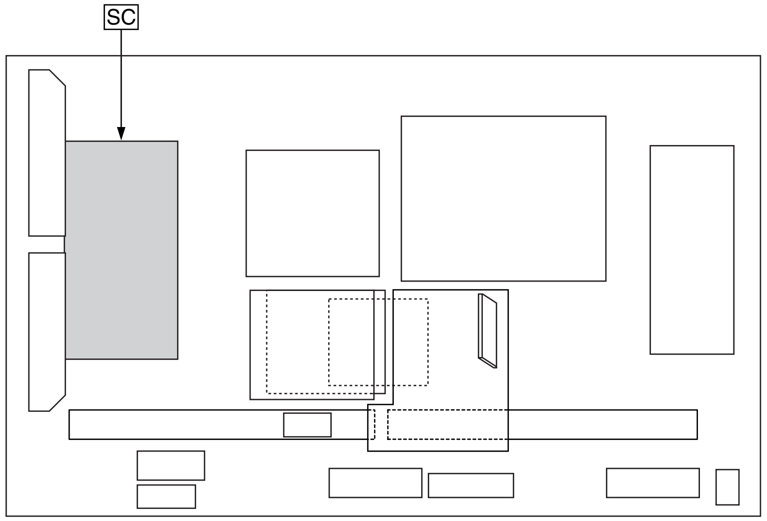


Parts Location

SC-BOARD (FOIL SIDE)

TRANSISTOR	
Q6401	B-4
Q6402	B-4
Q6403	C-4
Q6421	D-4
Q6422	D-4
Q6423	D-4
Q6441	E-2
Q6442	D-2
Q6451	C-2
Q6452	C-2
Q6661	F-4
Q6801	H-1
Q6821	E-3
Q6822	F-3
Q6841	H-3
Q6842	H-3

TP	
TP1	A-1
TP2	B-1
TP4	B-2
TP5	B-2
TP6	C-1
TP7	C-1
TP8	B-2
TP9	B-2
TP10	F-2
TP11	F-2
TP12	G-1
TP13	G-1
TP14	E-2
TP15	F-2
TP16	G-1
TP17	G-1
TP18	F-2
TP19	F-1
TP20	F-2
TP21	E-1
TP22	F-2
TP23	F-1
TP24	F-1
TP25	F-1
TP26	E-1
TP27	F-1
TP28	H-2
TP29	H-5
TP30	A-5
TP31	H-4
TP32	E-5
TP33	B-3
TP34	E-1
TP35	E-3
TP38	F-1
TP39	E-1
TP40	D-5
TP41	D-5
TP42	C-5
TP43	C-5
TP44	B-6
TP45	C-5
TP46	F-5
TP47	F-5
TP48	F-6
TP49	F-6
TP50	H-6
TP51	G-6
TP52	E-1
TP53	G-4
TP54	C-6
TP55	C-6
TP56	C-6
TP57	B-6
TP58	B-6
TP59	G-6
TP60	G-6
TP61	G-6
TP62	G-6
TP63	G-6
TP64	F-3

VOLUME	
VR6600	G-2
VR6601	E-5
VR6602	F-5

Parts Location

SC-BOARD (COMPONENT SIDE)

IC	
IC6471	B-4
IC6472	B-4
IC6501	G-4
IC6521	F-2
IC6561	C-1
IC6562	D-2
IC6581	F-1
IC6601	E-5
IC6602	A-4
IC6610	B-5
IC6671	D-4
IC6681	D-5
IC6682	A-4
IC6721	A-5
IC6722	A-4
IC6724	C-5
IC6725	C-5
IC6751	C-4
IC6752	C-4
IC6753	C-4
IC6771	C-5
IC6772	C-5
IC6773	C-5
IC6774	C-4
IC6791	C-2
IC6801	C-2
IC6802	C-2
IC6821	C-3
IC6841	A-3
IC6861	B-5
IC6871	B-2

PHOTO COUPLER	
PC6480	A-4
PC6701	A-4
PC6702	A-4
PC6703	A-4
PC6704	C-4
PC6705	B-4
PC6760	C-4
PC6801	B-2
PC6861	B-3
PC6871	C-1

TRANSISTOR	
Q6401	H-4
Q6402	H-4
Q6403	G-4
Q6421	F-4
Q6422	F-4
Q6423	E-4
Q6441	E-2
Q6442	E-2
Q6451	G-2
Q6452	G-2
Q6471	B-3
Q6511	G-4
Q6512	G-4
Q6516	F-4
Q6517	F-4
Q6531	F-2
Q6532	F-2
Q6551	F-2
Q6552	G-2
Q6581	F-1
Q6601	E-5
Q6602	D-5
Q6621	F-4
Q6622	G-4
Q6641	F-5
Q6642	F-5
Q6643	F-5
Q6644	G-5
Q6645	G-5
Q6646	G-5
Q6647	H-5
Q6648	H-5
Q6661	D-4
Q6662	C-5
Q6663	C-4
Q6671	E-4
Q6672	F-4
Q6680	E-4
Q6681	D-5
Q6682	D-5
Q6691	D-5
Q6742	A-5
Q6743	B-5
Q6744	A-5
Q6762	F-4
Q6781	F-5
Q6782	F-5
Q6791	B-2
Q6801	B-1
Q6802	B-1
Q6803	B-2
Q6804	B-1
Q6821	D-3
Q6822	D-3
Q6824	C-3
Q6841	B-3
Q6842	A-3

TP	
TP15V	G-1
TPSC1	D-6
TPSOS6	F-1
TPSOS7	D-2
TPVAD	C-4
TPVSCN	C-4
TPVSET	C-3
TPVSET2	B-4
TPVSUS	H-1

VOLUME	
VR6600	C-2
VR6601	D-4
VR6602	D-5

6

5

4

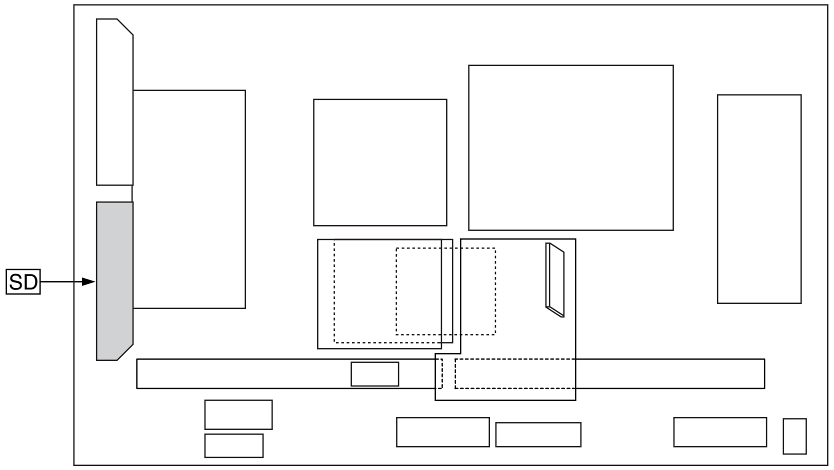
3

2

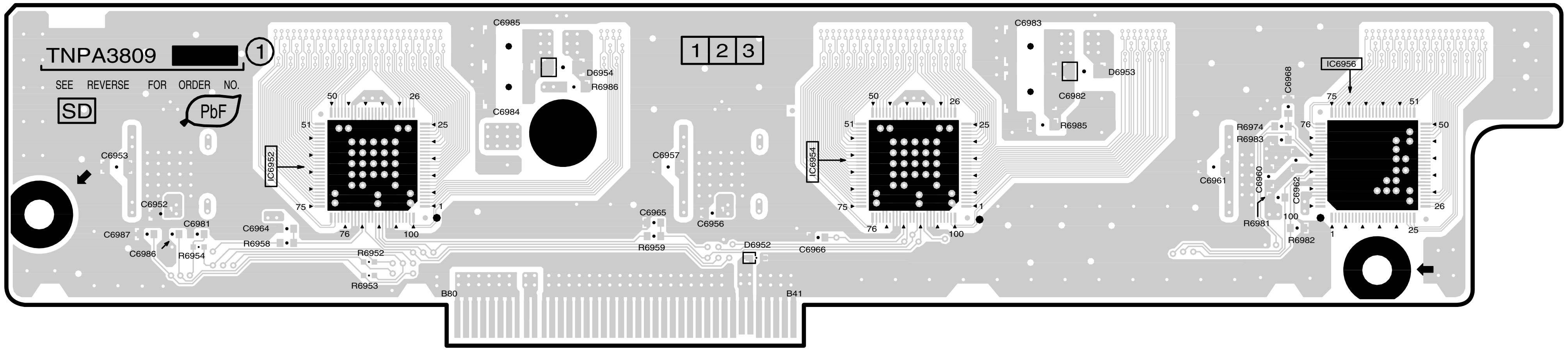
1

Parts Location

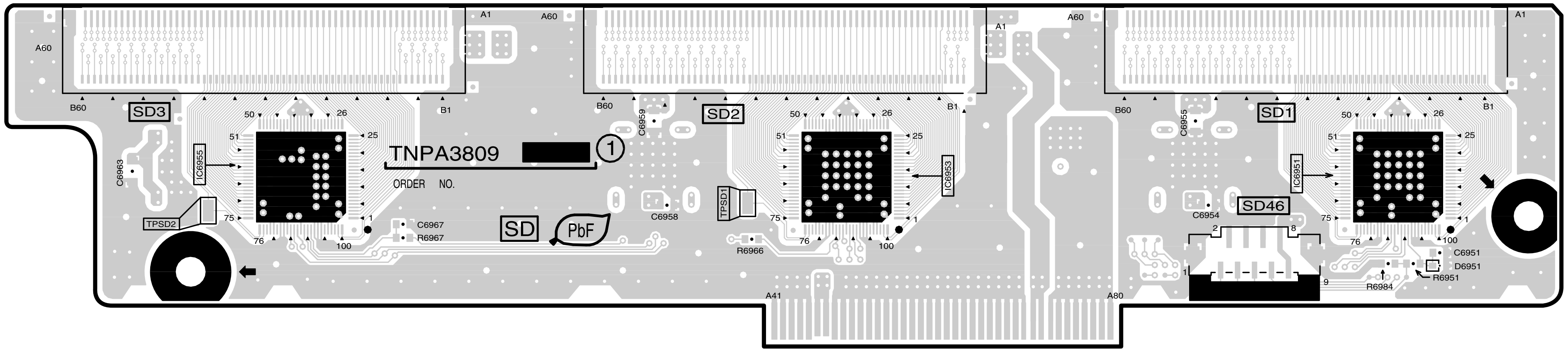
SD-BOARD	
IC	
IC6951	G-2
IC6952	C-4
IC6953	E-2
IC6954	E-4
IC6955	C-2
IC6956	G-4



SD-BOARD (FOIL SIDE)
TXNSD1BKTB


TNPA3809
①
SEE REVERSE FOR ORDER NO.
SD
PbF
C6985
D6954
R6986
C6984
1 2 3
C6983
D6953
C6982
R6985
IC6956
C6968
R6974
R6983
C6961
C6960
C6962
R6981
R6982
IC6952
IC6954
C6953
C6952
C6981
C6987
C6986
R6954
C6964
R6958
R6952
R6953
C6957
C6965
R6959
C6956
D6952
C6966
B80
B41
50
26
51
25
75
1
76
100

SD-BOARD (COMPONENT SIDE)
TXNSD1BKTB


A60
A1
B60
B1
SD3
SD2
SD1
IC6955
IC6953
IC6951
TNPA3809
①
ORDER NO.
SD
PbF
C6963
TPSD2
TPSD1
C6967
R6967
C6959
C6958
R6966
C6955
C6954
SD46
C6951
D6951
R6951
R6984
A41
A80
50
26
51
25
75
1
76
100
2
8
9

A B C D E F G H I

6

5

4

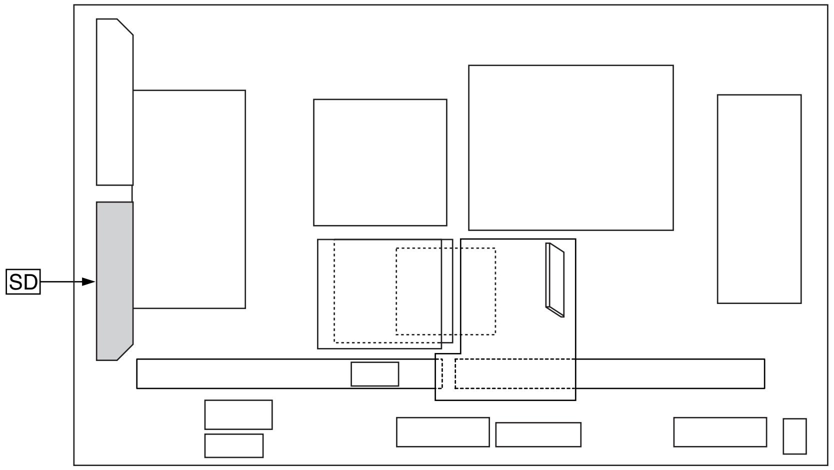
3

2

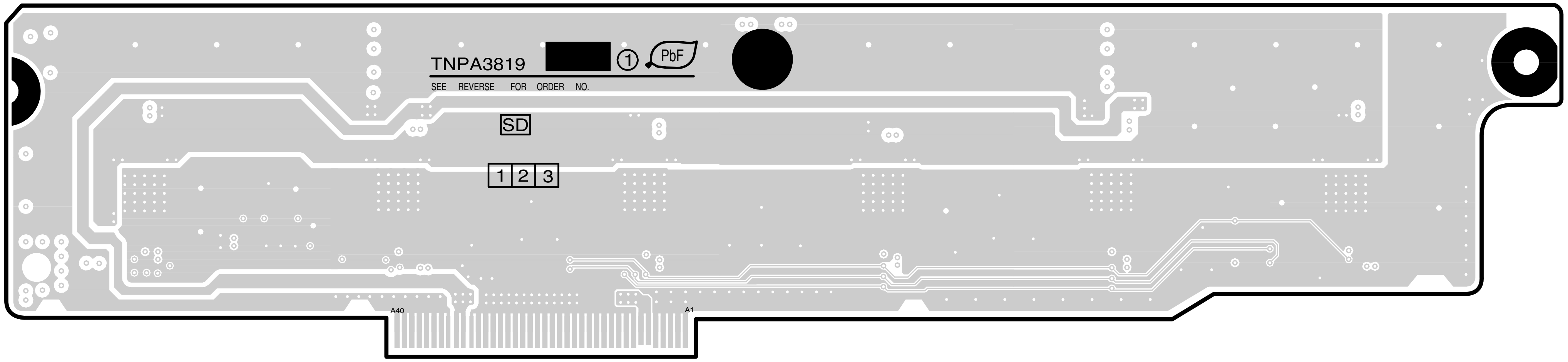
1

Parts Location

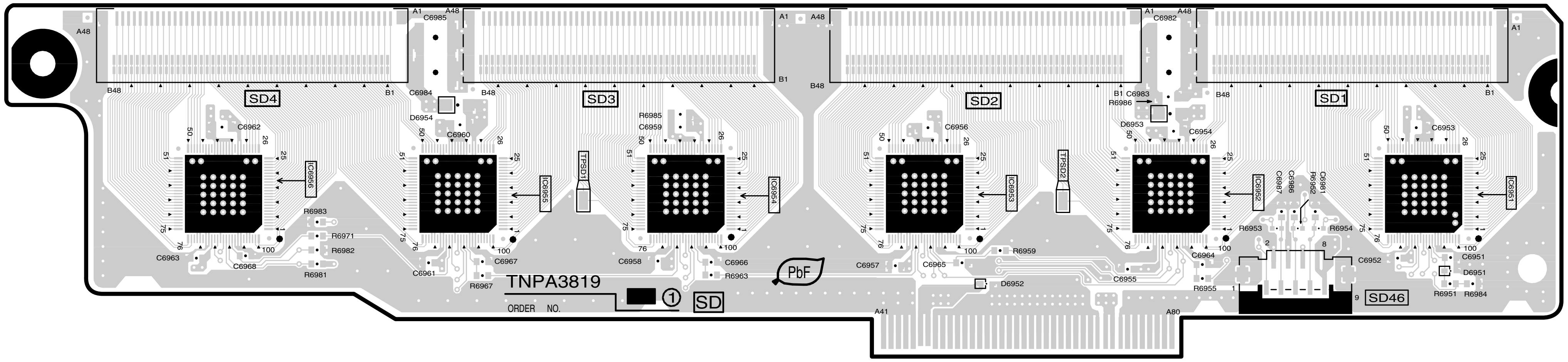
SD-BOARD	
IC	
IC6951	G-2
IC6952	F-2
IC6953	E-2
IC6954	D-1
IC6955	C-2
IC6956	B-2



SD-BOARD (FOIL SIDE)
TXNSD1BJTB


TNPA3819
①
PbF
SEE REVERSE FOR ORDER NO.
SD
1
2
3
A40
A1

SD-BOARD (COMPONENT SIDE)
TXNSD1BJTB


A48
B48
B1
SD4
A1
C6985
C6984
D6954
C6960
SD3
R6985
C6959
A48
B48
SD2
C6956
A1
C6982
B1
C6983
R6986
D6953
C6954
SD1
C6953
IC6956
IC6955
TPSD1
IC6954
IC6953
TPSD2
IC6952
IC6951
C6962
R6983
R6971
R6982
R6981
C6963
C6968
C6961
C6967
R6967
C6958
C6966
R6963
C6957
C6965
R6959
D6952
C6955
C6964
R6955
C6987
C6986
C6981
R6952
R6953
R6954
C6952
C6951
D6951
R6951
R6984
SD46
TNPA3819
ORDER NO.
①
SD
PbF
A41
A80
50
26
51
25
75
1
76
100

A B C D E F G H I

Parts Location

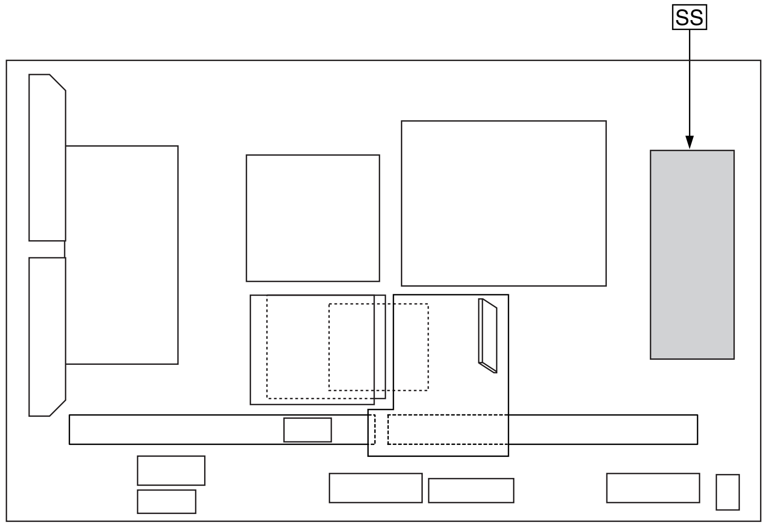
SS-BOARD (COMPONENT SIDE)

IC	
IC6131	B-3
IC6151	E-2
IC6191	H-3
IC6211	F-2
IC6221	F-2
IC6241	H-2
IC6251	I-3

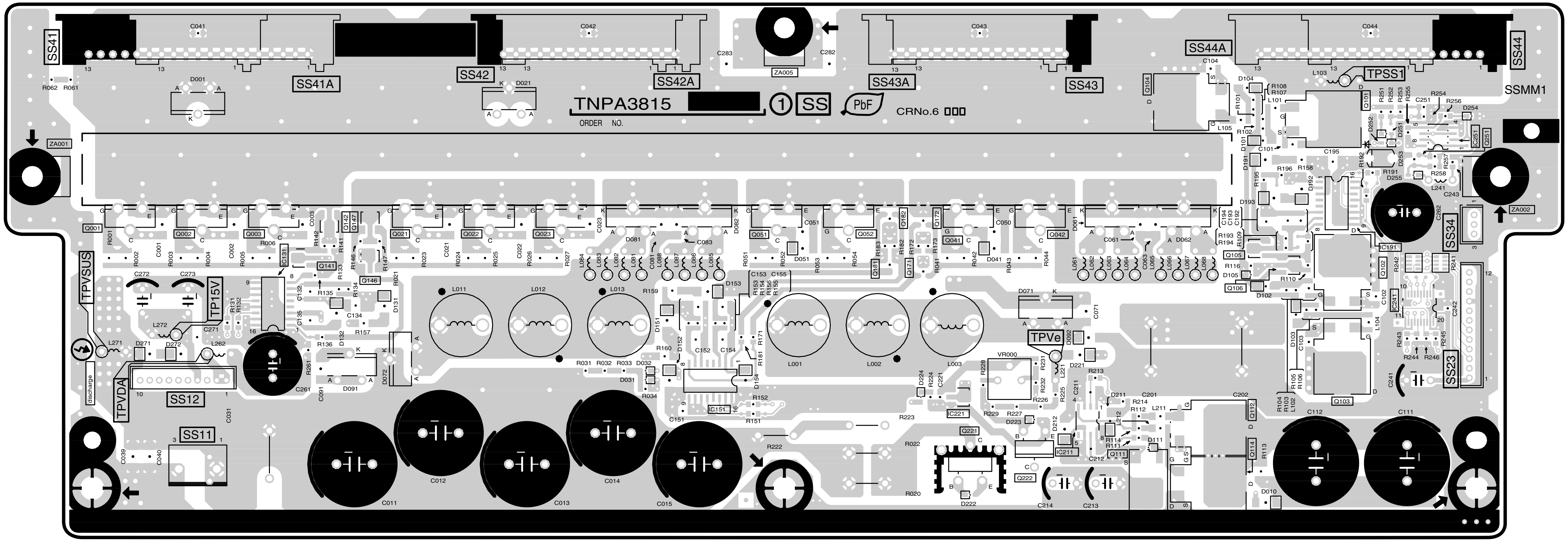
TRANSISTOR	
Q6001	A-3
Q6002	B-3
Q6003	B-3
Q6021	C-3
Q6022	C-3
Q6023	D-3
Q6041	F-3
Q6042	F-3
Q6051	E-3
Q6052	E-3
Q6101	H-3
Q6102	H-3
Q6103	H-2
Q6104	G-3
Q6105	G-3
Q6106	G-2
Q6111	G-2
Q6112	G-2
Q6114	G-2
Q6141	C-3
Q6142	C-3
Q6146	C-2
Q6147	C-3
Q6171	F-3
Q6172	F-3
Q6181	E-3
Q6182	F-3
Q6221	F-2
Q6222	F-1
Q6251	H-3

TP	
TP15V	B-2
TPSS1	H-4
TPVDA	A-2
TPVe	F-2
TPVSUS	A-2

VOLUME	
VR6000	F-2



SS-BOARD (COMPONENT SIDE)
TXNSS1BKTB (37inch)
TXNSS1BJTB (42inch)


SS41
SS41A
SS42
SS42A
SS43A
SS43
SS44A
SS44
TNPA3815
①
SS
PbF
CRNo.6
ORDER NO.
SSMM1
TPSS1
TPVSUS
TP15V
TPVDA
TPVe
SS12
SS11
SS34
SS23
discharge
ZA001
ZA002
ZA005
VR000
6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

TH-37PV600E, TH-37PX600B
SS-BOARD TXNSS1BKTB

TH-42PV600E, TH-42PX600B
SS-BOARD TXNSS1BJTB

TH-37PV600E, TH-37PX600B
SS-BOARD TXNSS1BKTB

TH-42PV600E, TH-42PX600B
SS-BOARD TXNSS1BJTB

6

5

4

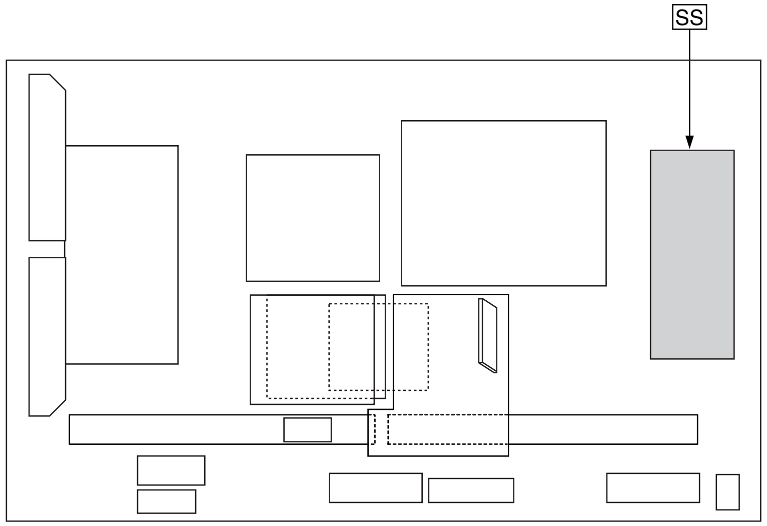
3

2

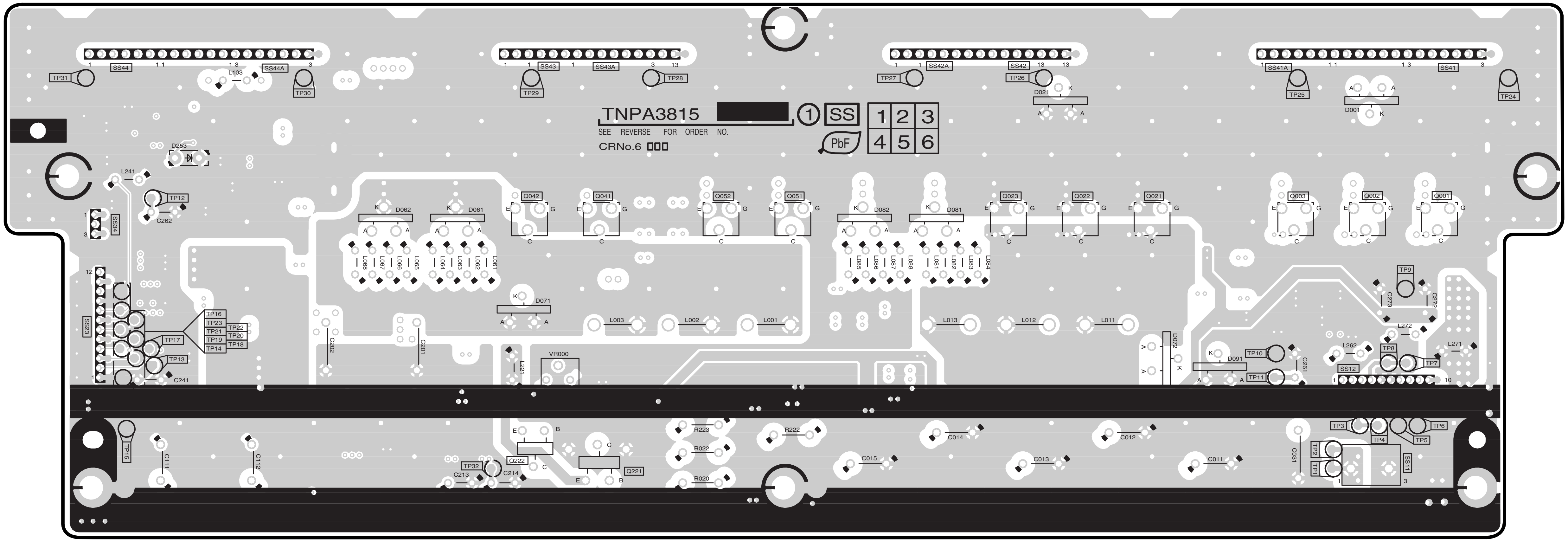
1

Parts Location

SS-BOARD (FOIL SIDE)							
TRANSISTOR		**TP**		TP16	B-2	**VOLUME**	
Q6001	H-3	TP1	H-1	TP17	B-2	VR6000	D-2
Q6002	H-3	TP2	H-2	TP18	B-2		
Q6003	H-3	TP3	H-2	TP19	B-2		
Q6021	G-3	TP4	H-2	TP20	B-2		
Q6022	F-3	TP5	H-2	TP21	B-2		
Q6023	F-3	TP6	H-2	TP22	B-2		
Q6041	D-3	TP7	H-2	TP23	B-2		
Q6042	D-3	TP8	H-2	TP24	I-3		
Q6051	E-3	TP9	H-2	TP25	H-3		
Q6052	E-3	TP10	G-2	TP26	F-3		
Q6221	D-1	TP11	G-2	TP27	F-3		
Q6222	D-2	TP12	B-3	TP28	D-3		
		TP13	B-2	TP29	D-3		
		TP14	B-2	TP30	B-3		
		TP15	A-2	TP31	A-3		
				TP32	C-1		



SS-BOARD (FOIL SIDE)
TXNSS1BKTB (37inch)
TXNSS1BJTB (42inch)


TNPA3815
SEE REVERSE FOR ORDER NO.
CRNo.6
① SS
PbF
1 2 3
4 5 6
SS44
SS44A
SS43
SS43A
SS42A
SS42
SS41A
SS41
SS34
SS23
SS12
SS11
TP31
TP30
TP29
TP28
TP27
TP26
TP25
TP24
TP12
TP16
TP23
TP21
TP19
TP14
TP22
TP20
TP18
TP17
TP13
TP15
TP32
TP10
TP11
TP9
TP8
TP7
TP3
TP4
TP5
TP6
TP2
TP1
L103
D253
L241
C262
C241
D062
D061
L068
L067
L066
L065
L064
L063
L062
L061
D071
L003
L002
L001
C202
C201
L221
VR000
Q042
Q041
Q052
Q051
D082
D081
L085
L086
L087
L088
L081
L082
L083
L084
Q023
Q022
Q021
L013
L012
L011
D072
D091
C261
Q003
Q002
Q001
D021
D001
C273
C272
L272
L262
L271
C111
C112
C213
C214
Q222
Q221
R223
R022
R020
R222
C015
C014
C013
C012
C011
C031

TH-37PV600E, TH-37PX600B
SS-BOARD TXNSS1BKTB

TH-42PV600E, TH-42PX600B
SS-BOARD TXNSS1BJTB

TH-37PV600E, TH-37PX600B
SS-BOARD TXNSS1BKTB

TH-42PV600E, TH-42PX600B
SS-BOARD TXNSS1BJTB

A B C D E F G H I

6

5

4

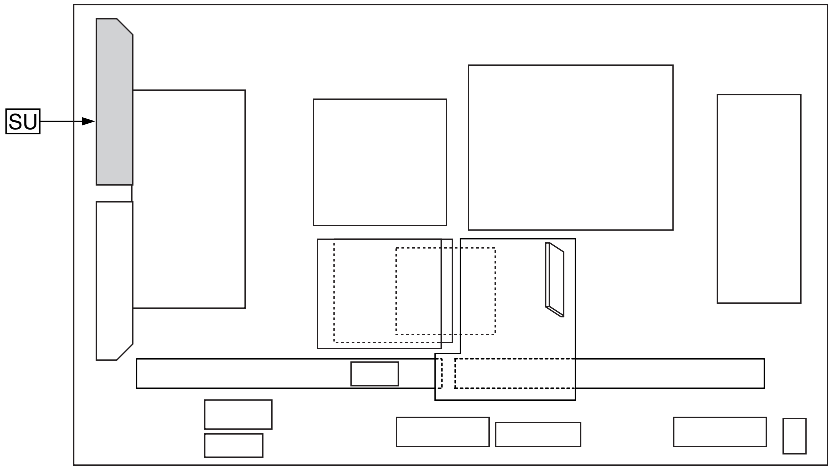
3

2

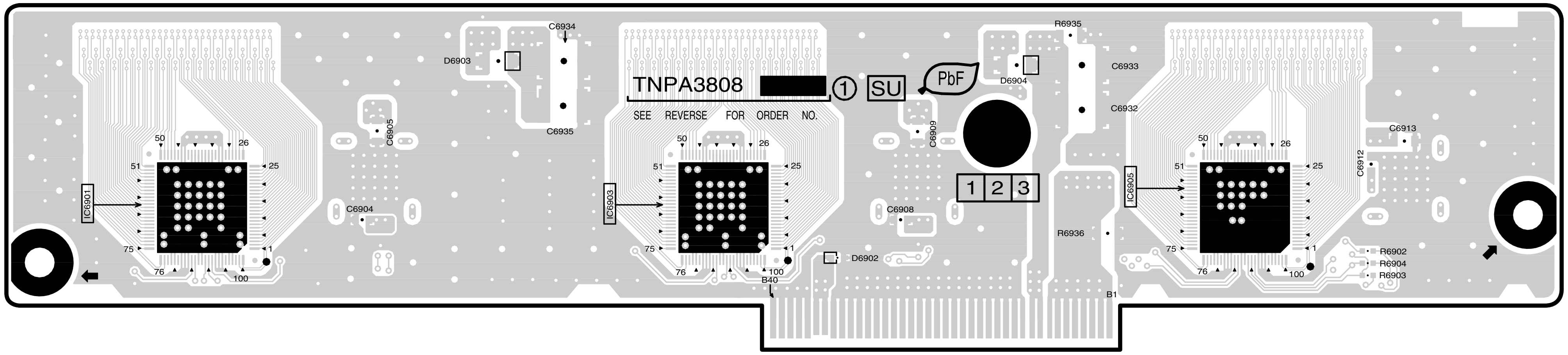
1

Parts Location

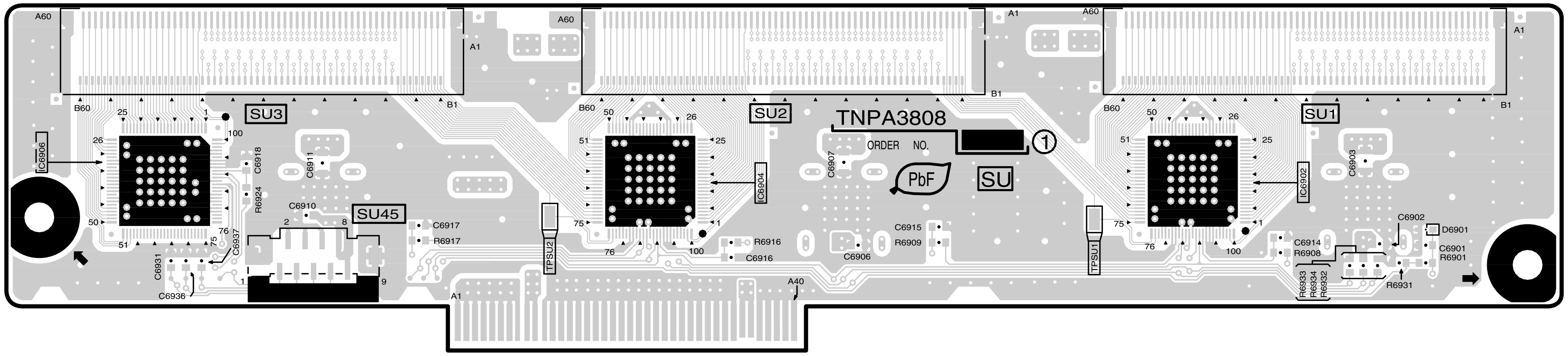
SU-BOARD	
IC	
IC6901	B-3
IC6902	F-2
IC6903	D-3
IC6904	D-2
IC6905	G-3
IC6906	B-2



SU-BOARD (FOIL SIDE)
TXNSU1BKTB


IC6901
50
26
51
25
75
76
100
1
C6905
C6904
C6934
D6903
C6935
TNPA3808
①
SU
PbF
SEE REVERSE FOR ORDER NO.
IC6903
B40
D6902
C6909
C6908
1 2 3
D6904
R6935
C6933
C6932
R6936
B1
IC6905
C6912
C6913
R6902
R6904
R6903

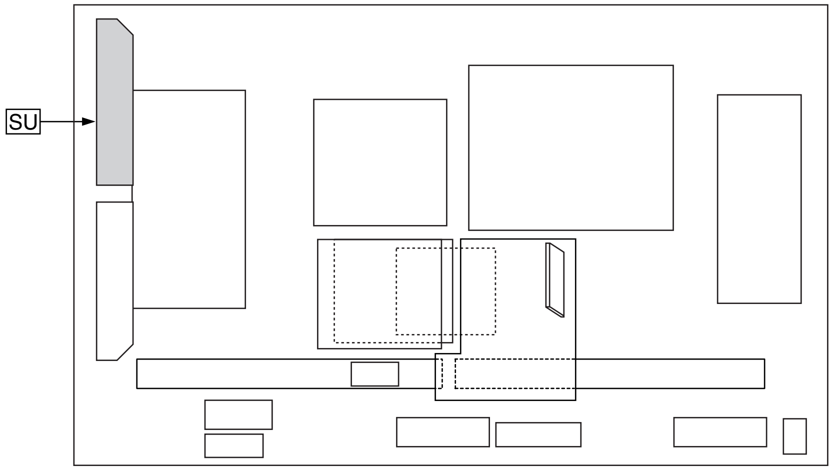
SU-BOARD (COMPONENT SIDE)
TXNSU1BKTB


A60
A1
B60
B1
SU3
IC6906
C6918
R6924
C6911
C6910
SU45
2
8
9
C6917
R6917
C6931
C6936
C6937
TPSU2
SU2
IC6904
R6916
C6916
TNPA3808
ORDER NO.
①
PbF
SU
C6907
C6915
R6909
C6906
A40
TPSU1
SU1
IC6902
C6903
C6914
R6908
R6933
R6934
R6932
R6931
C6902
D6901
C6901
R6901

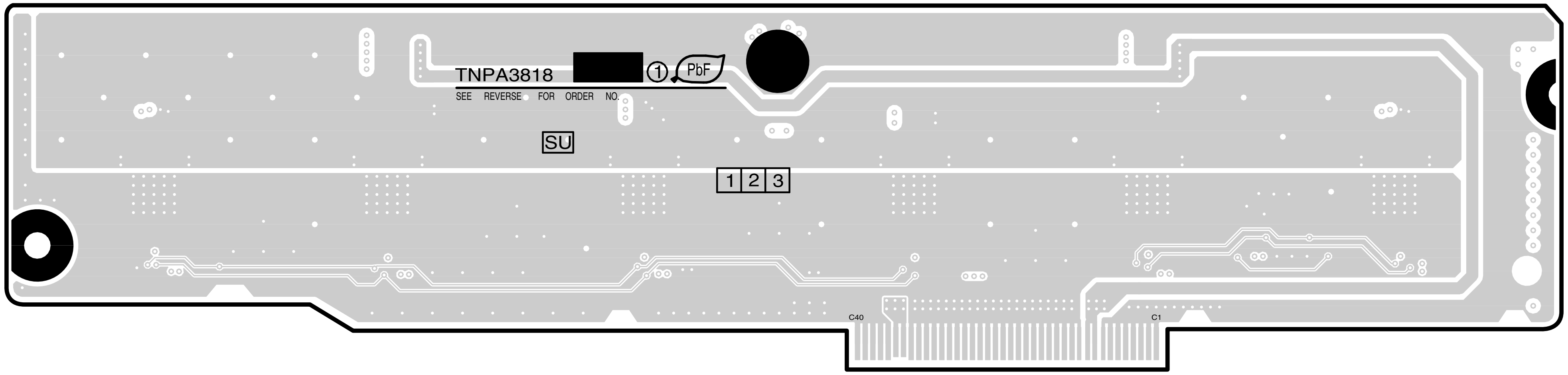
A B C D E F G H I

Parts Location

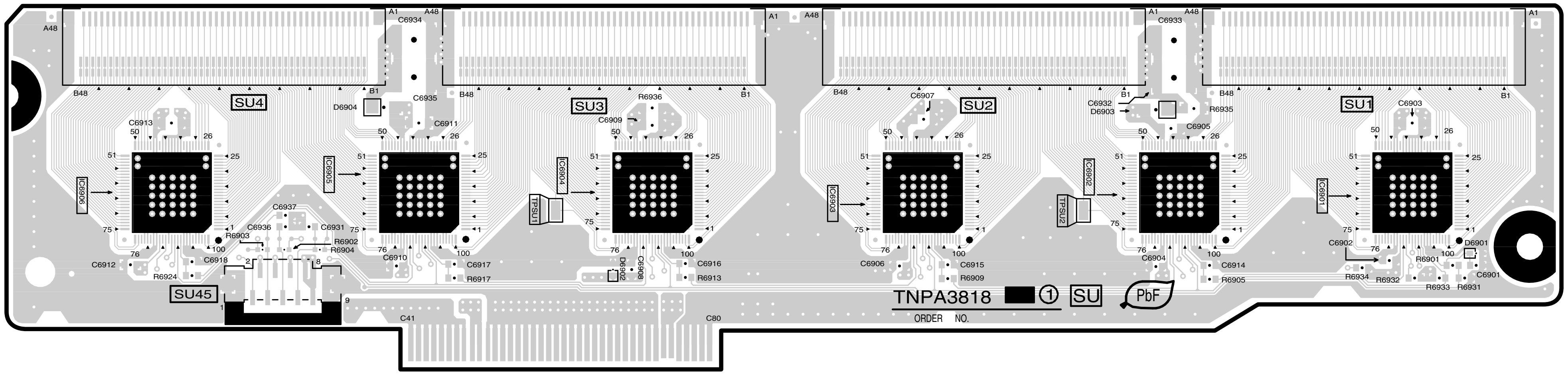
SU-BOARD	
IC	
IC6901	G-2
IC6902	F-2
IC6903	E-2
IC6904	D-1
IC6905	C-2
IC6906	B-2



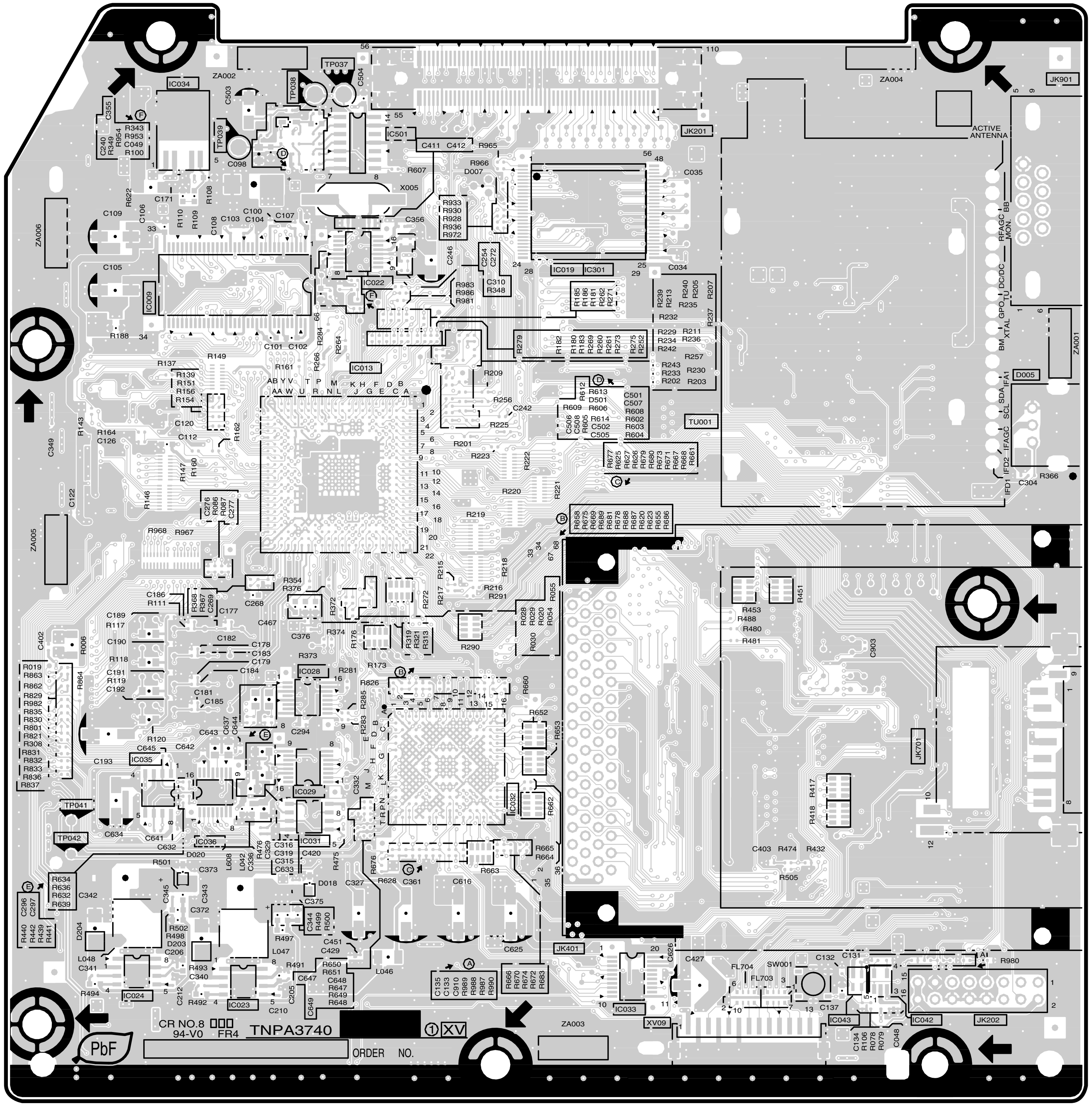
SU-BOARD (FOIL SIDE)
TXNSU1BJTB

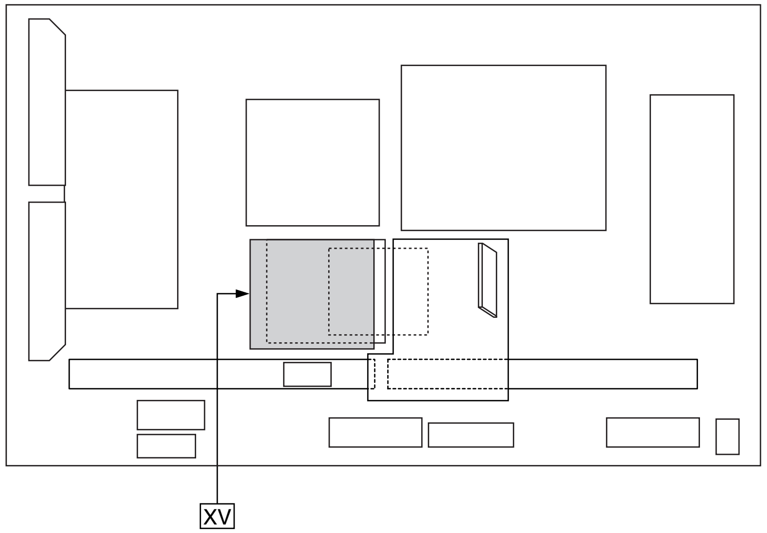

TNPA3818
①
PbF
SEE REVERSE FOR ORDER NO.
SU
1 2 3
C40
C1

SU-BOARD (COMPONENT SIDE)
TXNSU1BJTB


SU4
SU3
SU2
SU1
SU45
IC6906
IC6905
IC6904
IC6903
IC6902
IC6901
TPSU1
TPSU2
D6904
D6903
D6901
D6902
C6934
C6933
C6935
C6913
C6911
C6909
C6907
C6932
C6905
C6903
C6937
C6936
C6931
C6912
C6918
C6910
C6917
C6916
C6906
C6915
C6904
C6914
C6902
C6901
C6908
R6903
R6902
R6904
R6924
R6917
R6913
R6909
R6905
R6936
R6935
R6901
R6934
R6932
R6933
R6931
A1
A48
B1
B48
C41
C80
TNPA3818
①
SU
PbF
ORDER NO.

XV-BOARD (COMPONENT SIDE)
TNPA3740AC

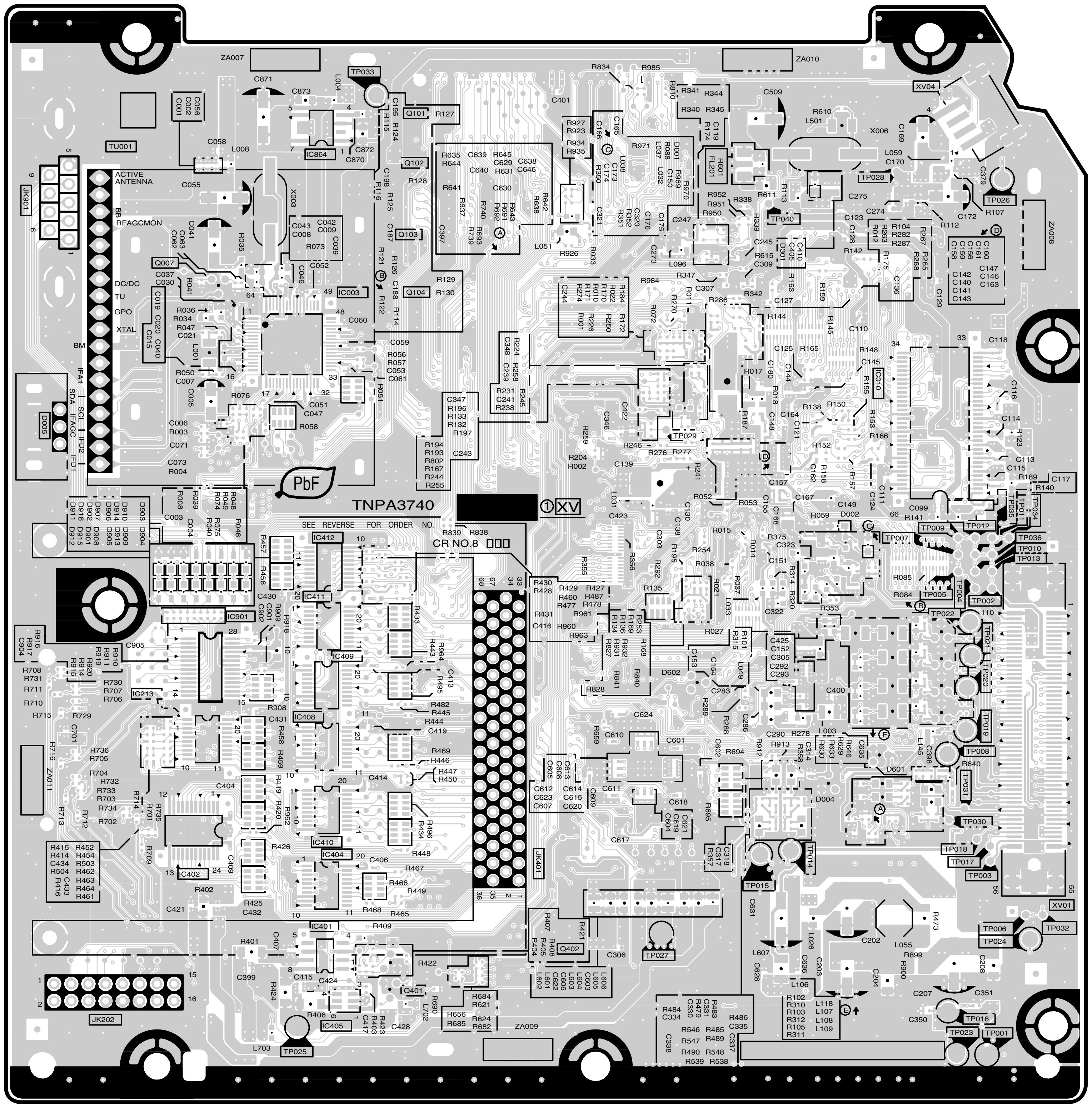

IC034
ZA002
TP037
TP038
TP039
IC501
JK201
ZA004
JK901
ACTIVE ANTENNA
ZA006
IC009
IC022
IC019
IC301
IC013
TU001
ZA001
D005
ZA005
IC028
IC035
TP041
TP042
IC036
IC031
IC029
IC032
JK701
JK401
IC024
IC023
IC033
XV09
IC043
IC042
JK202
ZA003
SW001
FL704
FL703
CR NO.8
94-V0
FR4
TNPA3740
①XV
ORDER NO.
PbF
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6

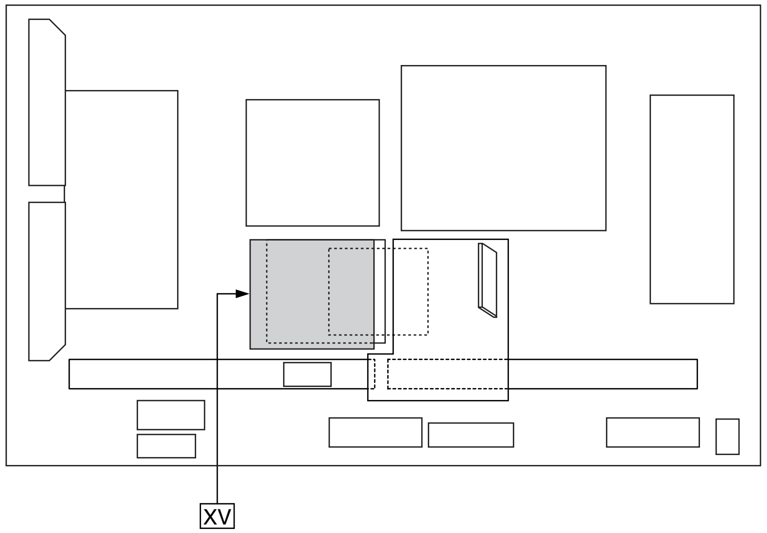


Parts Location

XV-BOARD (COMPONENT SIDE)			
IC		**TP**	
IC8009	B-5	TP8037	B-6
IC8013	C-4	TP8038	B-6
IC8019	D-5	TP8039	B-5
IC8022	C-5	TP8041	A-2
IC8023	B-1	TP8042	A-2
IC8024	B-1		
IC8028	B-3		
IC8029	B-2		
IC8031	B-2		
IC8032	C-2		
IC8033	D-1		
IC8034	B-6		
IC8035	B-3		
IC8036	B-2		
IC8042	E-1		
IC8043	E-1		
IC8301	D-5		
IC8501	C-5		

XV-BOARD (FOIL SIDE)
TNPA3740AC

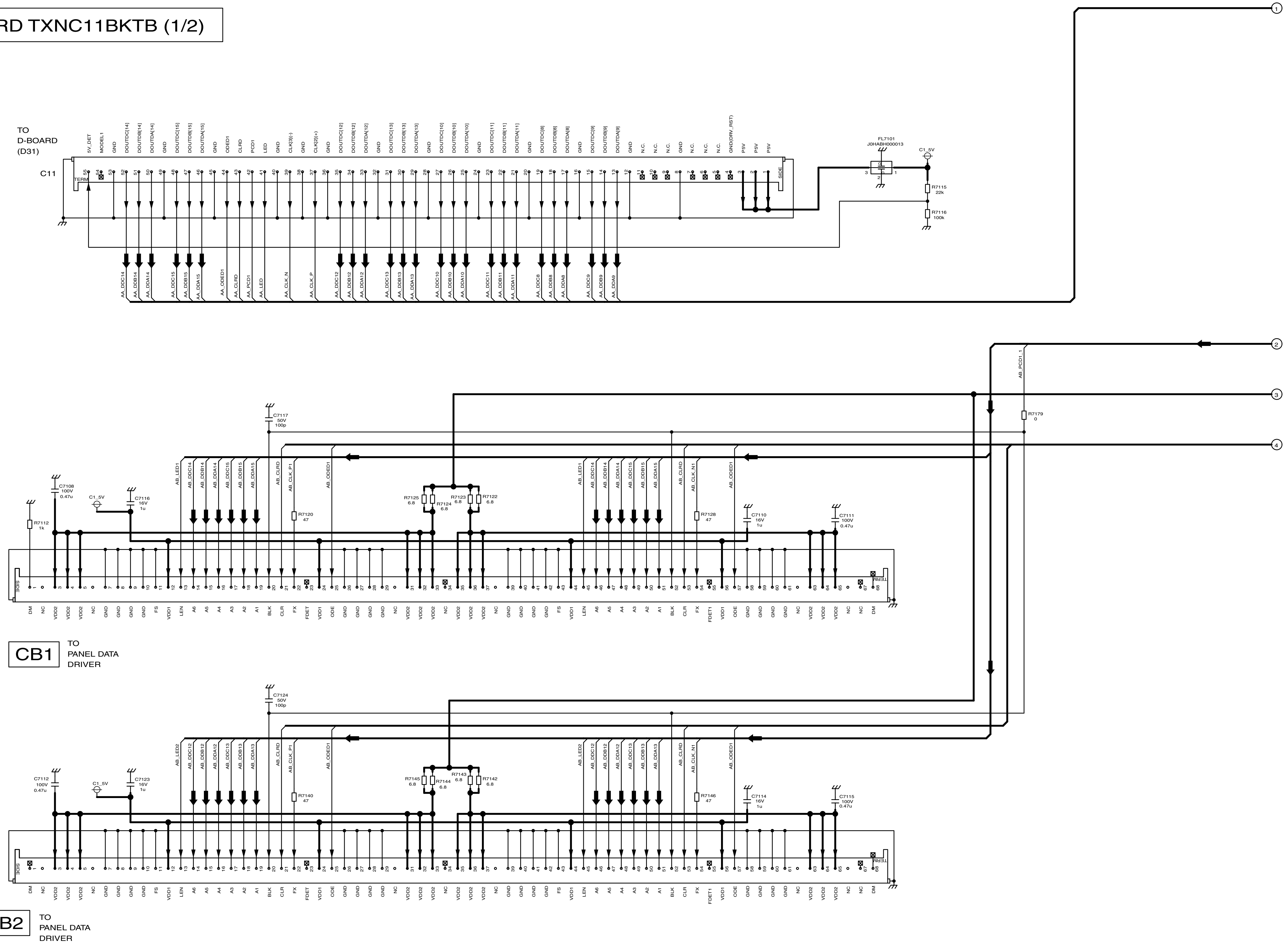

6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
ZA007
ZA010
ZA008
ZA009
ZA011
TU001
JK901
ACTIVE ANTENNA
BB
RFAGCMON.
DC/DC
TU
GPO
XTAL
BM
IFA1
SDA
SCL
IFAGC
IFD2
IFD1
D005
X003
X006
IC864
IC003
IC010
IC412
IC411
IC901
IC409
IC213
IC408
IC410
IC404
IC402
IC401
IC405
Q101
Q102
Q103
Q104
Q007
Q401
Q402
TP033
TP026
TP028
TP040
TP029
TP012
TP009
TP007
TP036
TP010
TP013
TP005
TP022
TP002
TP021
TP020
TP019
TP008
TP031
TP030
TP018
TP017
TP003
TP014
TP015
TP027
TP025
TP006
TP024
TP032
TP016
TP023
TP001
TP011
TP034
TP035
XV04
XV01
JK202
JK401
PbF
TNPA3740
①XV
SEE REVERSE FOR ORDER NO.
CR NO.8



Parts Location

XV-BOARD (FOIL SIDE)	
IC	
IC8003	C-5
IC8010	E-4
IC8213	B-3
IC8401	B-2
IC8402	B-2
IC8404	B-2
IC8405	B-1
IC8408	B-3
IC8409	C-3
IC8410	B-2
IC8411	B-3
IC8412	B-4
IC8501	C-5
IC8864	B-5
IC8901	B-3
TRANSISTOR	
Q8007	B-5
Q8101	C-6
Q8102	C-5
Q8103	C-5
Q8104	C-5
Q8401	C-1
Q8402	D-2
TP	
TP8001	F-1
TP8002	E-3
TP8003	E-2
TP8004	E-3
TP8005	E-3
TP8006	F-2
TP8007	E-4
TP8008	E-3
TP8009	E-4
TP8010	F-4
TP8011	F-4
TP8012	E-4
TP8013	F-3
TP8014	E-2
TP8015	D-2
TP8016	E-1
TP8017	E-2
TP8018	E-2
TP8019	E-3
TP8020	E-3
TP8021	E-3
TP8022	E-3
TP8023	E-1
TP8024	F-2
TP8025	B-1
TP8026	F-5
TP8027	D-2
TP8028	E-5
TP8029	D-4
TP8030	E-2
TP8031	E-2
TP8032	F-2
TP8033	C-6
TP8034	F-4
TP8035	F-4
TP8036	F-4
TP8040	E-4

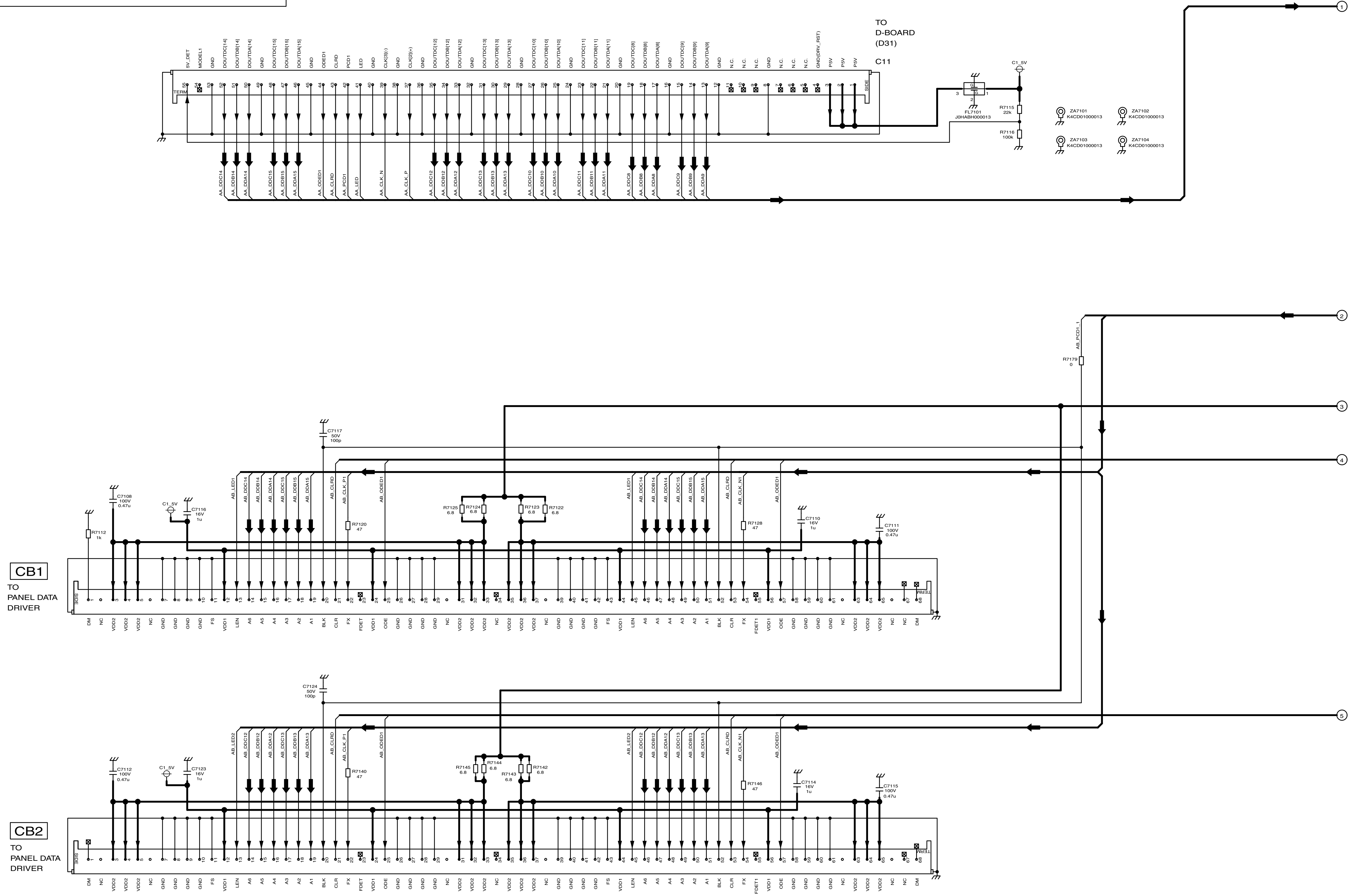
C1-BOARD TXNC11BKTB (1/2)

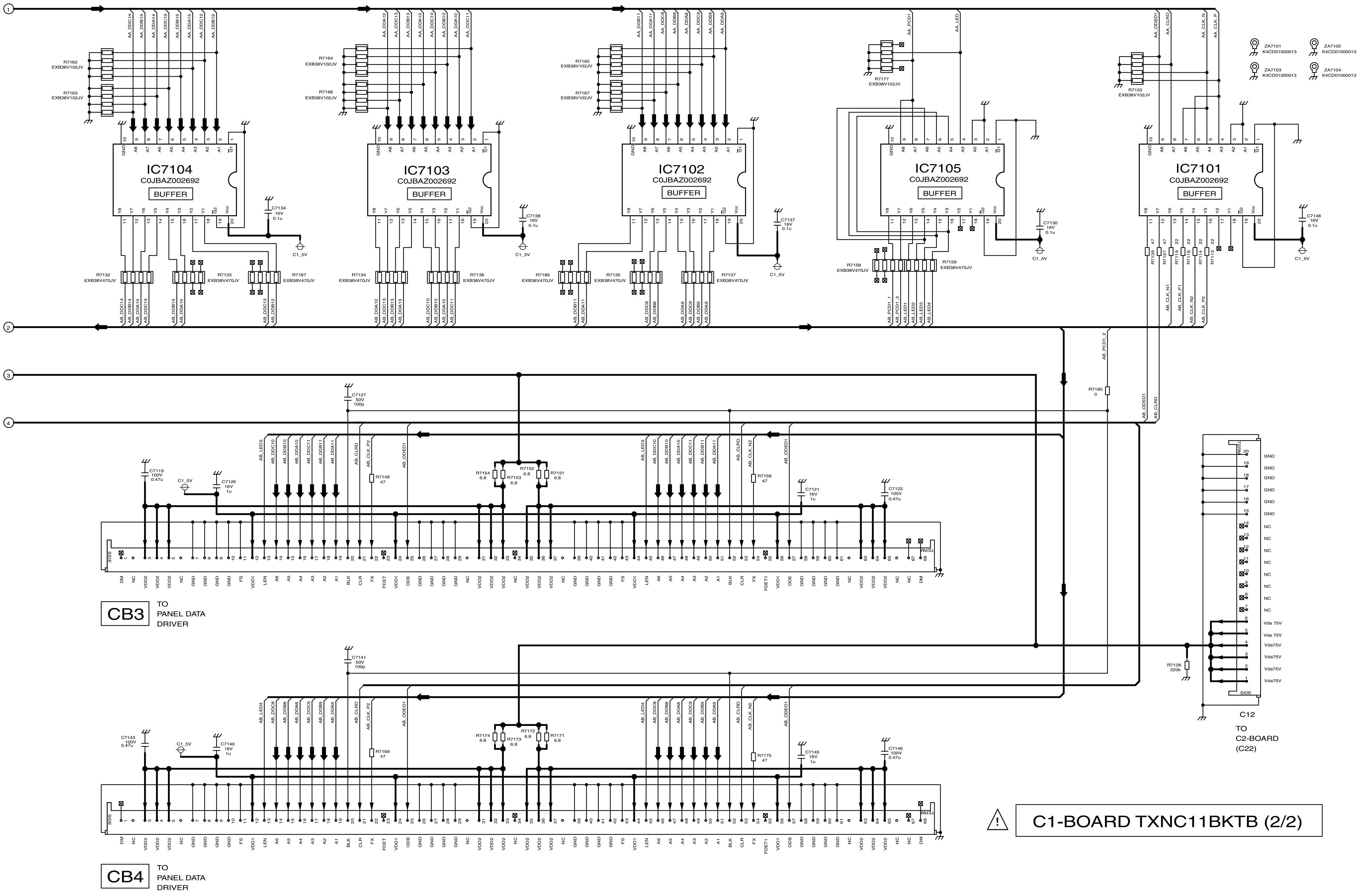

TO
D-BOARD
(D31)
C11
5V_DET
MODEL1
GND
DOUTDC[14]
DOUTDB[14]
DOUTDA[14]
DOUTDC[15]
DOUTDB[15]
DOUTDA[15]
ODED1
CLRD
PCD1
LED
CLK[3](-)
CLK[2](+)
DOUTDC[12]
DOUTDB[12]
DOUTDA[12]
DOUTDC[13]
DOUTDB[13]
DOUTDA[13]
DOUTDC[10]
DOUTDB[10]
DOUTDA[10]
DOUTDC[11]
DOUTDB[11]
DOUTDA[11]
DOUTDC[8]
DOUTDB[8]
DOUTDA[8]
DOUTDC[9]
DOUTDB[9]
DOUTDA[9]
N.C.
GND(DRV_RST)
P5V
TERM
SIDE
FL7101
J0HABH000013
C1_5V
R7115
22k
R7116
100k
AA_DDC14
AA_DDB14
AA_DDA14
AA_DDC15
AA_DDB15
AA_DDA15
AA_ODED1
AA_CLRD
AA_PCD1
AA_LED
AA_CLK_N
AA_CLK_P
AA_DDC12
AA_DDB12
AA_DDA12
AA_DDC13
AA_DDB13
AA_DDA13
AA_DDC10
AA_DDB10
AA_DDA10
AA_DDC11
AA_DDB11
AA_DDA11
AA_DDC8
AA_DDB8
AA_DDA8
AA_DDC9
AA_DDB9
AA_DDA9
①
②
③
④
AB_PCD1_1
R7179
0
C7117
50V
100p
C7108
100V
0.47u
C1_5V
C7116
16V
1u
R7112
1k
AB_LED1
AB_DDC14
AB_DDB14
AB_DDA14
AB_DDC15
AB_DDB15
AB_DDA15
AB_CLRD
AB_CLK_P1
AB_ODED1
AB_CLK_N1
R7120
47
R7125
6.8
R7124
6.8
R7123
6.8
R7122
6.8
R7128
47
C7110
16V
1u
C7111
100V
0.47u
DM
NC
VDD2
GND
FS
VDD1
LEN
A6
A5
A4
A3
A2
A1
BLK
CLR
FX
FDET
ODE
FDET1
CB1
TO
PANEL DATA
DRIVER
C7124
50V
100p
C7112
100V
0.47u
C1_5V
C7123
16V
1u
AB_LED2
AB_DDC12
AB_DDB12
AB_DDA12
AB_DDC13
AB_DDB13
AB_DDA13
R7140
47
R7145
6.8
R7144
6.8
R7143
6.8
R7142
6.8
R7146
47
C7114
16V
1u
C7115
100V
0.47u
CB2
TO
PANEL DATA
DRIVER

TH-37PV600E, TH-37PX600B
C1-Board (1 of 2) Schematic Diagram

TH-37PV600E, TH-37PX600B
C1-Board (1 of 2) Schematic Diagram

⚠ C1-BOARD TXNC11BJTB (1/2)

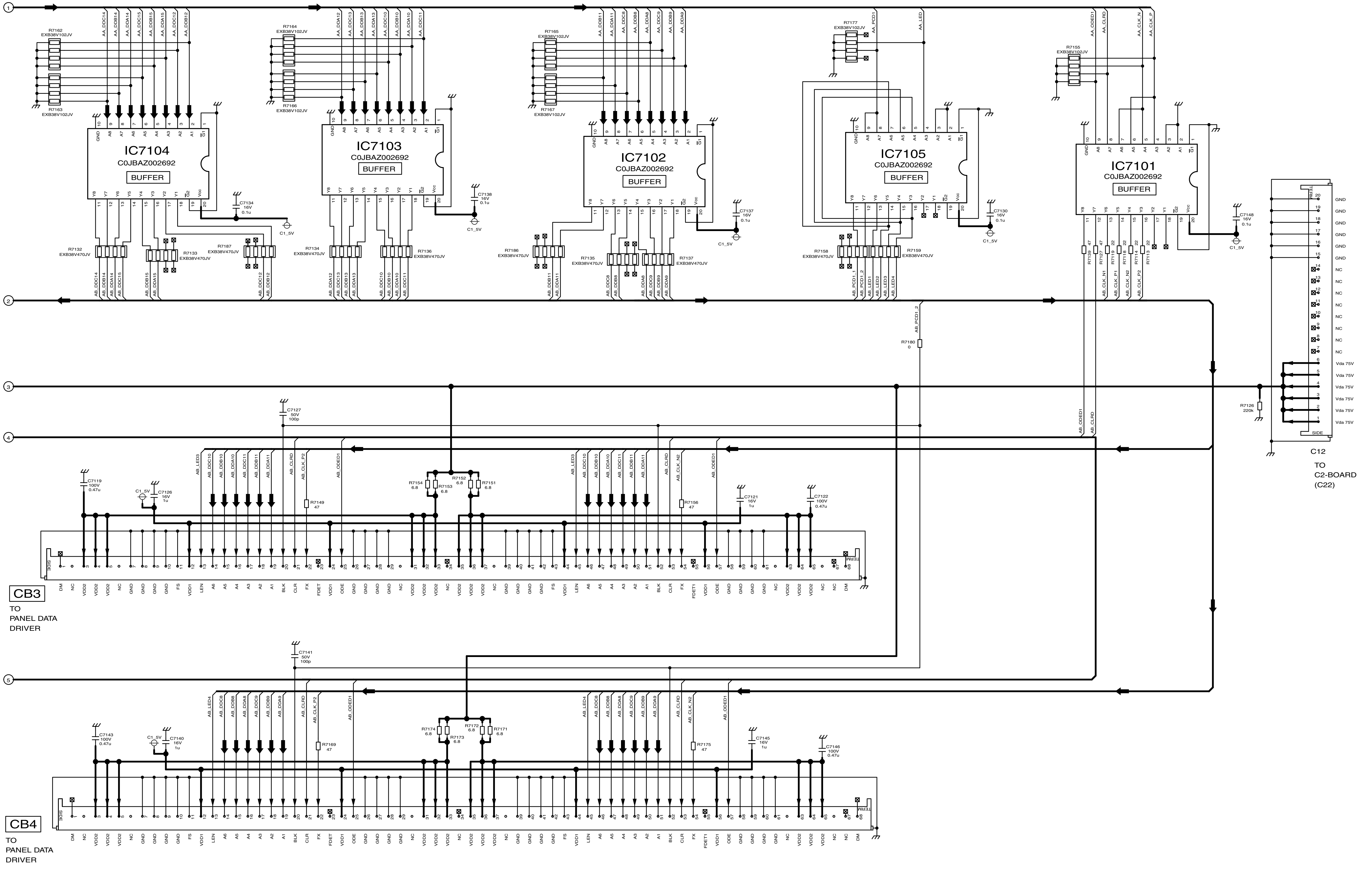

TO
D-BOARD
(D31)
C11
TERM
SIDE
FL7101
J0HABH000013
C1_5V
R7115
22k
R7116
100k
ZA7101
K4CD01000013
ZA7102
K4CD01000013
ZA7103
K4CD01000013
ZA7104
K4CD01000013
AB_PCD1_1
R7179
0
C7117
50V
100p
C7124
50V
100p
C7108
100V
0.47u
C7116
16V
1u
R7112
1k
R7120
47
R7125
6.8
R7124
6.8
R7123
6.8
R7122
6.8
R7128
47
C7110
16V
1u
C7111
100V
0.47u
CB1
TO
PANEL DATA
DRIVER
C7112
100V
0.47u
C7123
16V
1u
R7140
47
R7145
6.8
R7144
6.8
R7143
6.8
R7142
6.8
R7146
47
C7114
16V
1u
C7115
100V
0.47u
CB2
TO
PANEL DATA
DRIVER
①
②
③
④
⑤


IC7104
C0JBAZ002692
BUFFER
IC7103
C0JBAZ002692
BUFFER
IC7102
C0JBAZ002692
BUFFER
IC7105
C0JBAZ002692
BUFFER
IC7101
C0JBAZ002692
BUFFER
R7162 EXB38V102JV
R7163 EXB38V102JV
R7164 EXB38V102JV
R7166 EXB38V102JV
R7165 EXB38V102JV
R7167 EXB38V102JV
R7177 EXB38V102JV
R7155 EXB38V102JV
R7132 EXB38V470JV
R7133 EXB38V470JV
R7187 EXB38V470JV
R7134 EXB38V470JV
R7136 EXB38V470JV
R7186 EXB38V470JV
R7135 EXB38V470JV
R7137 EXB38V470JV
R7158 EXB38V470JV
R7159 EXB38V470JV
ZA7101 K4CD01000013
ZA7102 K4CD01000013
ZA7103 K4CD01000013
ZA7104 K4CD01000013
C7134 16V 0.1u
C7138 16V 0.1u
C7137 16V 0.1u
C7130 16V 0.1u
C7148 16V 0.1u
C1_5V
C7127 50V 100p
C7141 50V 100p
C7119 100V 0.47u
C7126 16V 1u
C7121 16V 1u
C7122 100V 0.47u
C7143 100V 0.47u
C7140 16V 1u
C7145 16V 1u
C7146 100V 0.47u
R7180 0
R7126 220k
R7149 47
R7156 47
R7169 47
R7175 47
R7154 6.8
R7152 6.8
R7153 6.8
R7151 6.8
R7174 6.8
R7172 6.8
R7173 6.8
R7171 6.8
CB3
TO PANEL DATA DRIVER
CB4
TO PANEL DATA DRIVER
C12
TO C2-BOARD (C22)
C1-BOARD TXNC11BKTB (2/2)

TH-37PV600E, TH-37PX600B
C1-Board (2 of 2) Schematic Diagram

TH-37PV600E, TH-37PX600B
C1-Board (2 of 2) Schematic Diagram

⚠ C1-BOARD TXNC11BJTB (2/2)

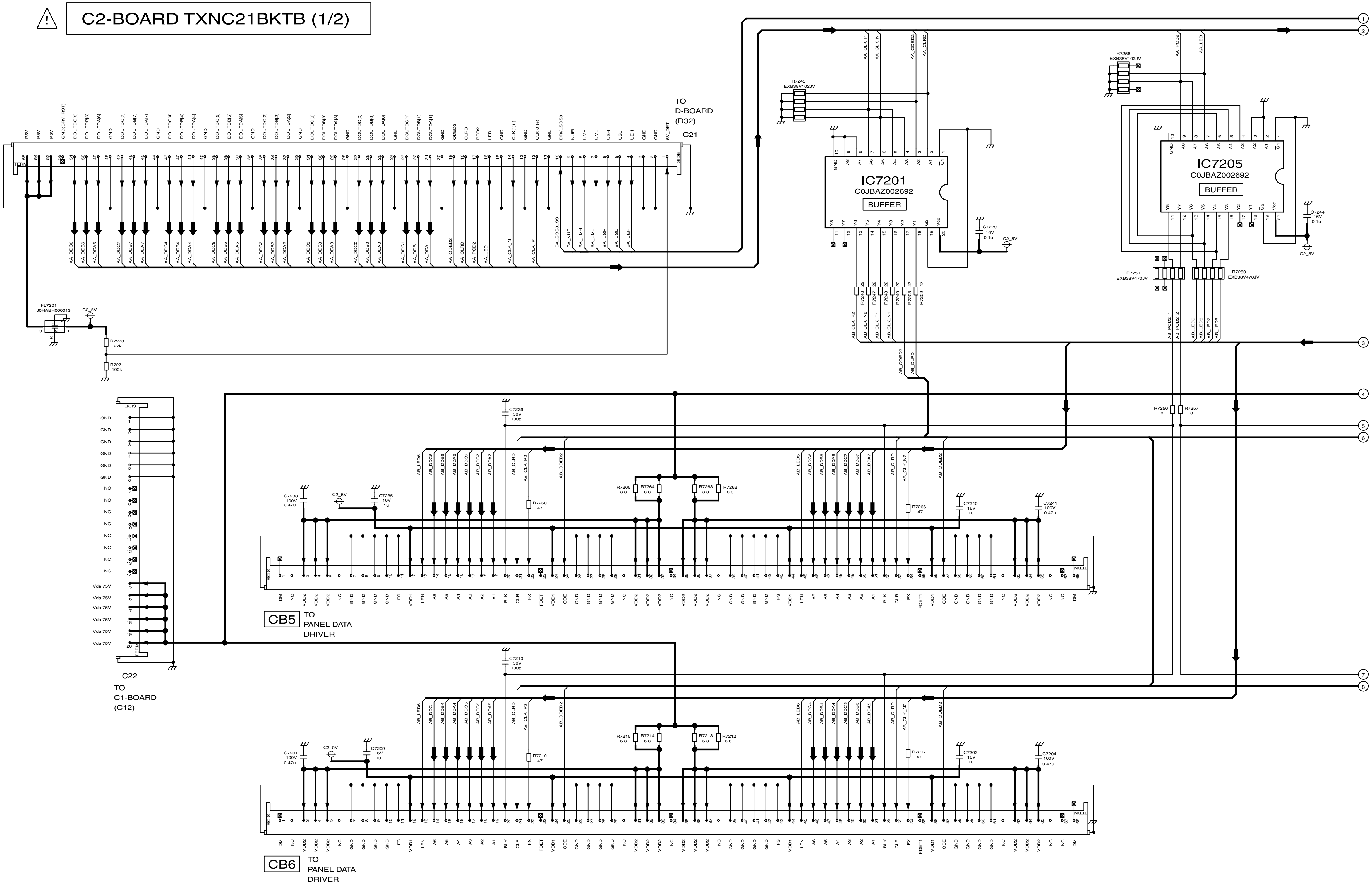


IC7104
C0JBAZ002692
BUFFER
IC7103
C0JBAZ002692
BUFFER
IC7102
C0JBAZ002692
BUFFER
IC7105
C0JBAZ002692
BUFFER
IC7101
C0JBAZ002692
BUFFER
C1_5V
C12
TO
C2-BOARD
(C22)
CB3
TO
PANEL DATA
DRIVER
CB4
TO
PANEL DATA
DRIVER

TH-42PV600E, TH-42PX600B
C1-Board (2 of 2) Schematic Diagram

TH-42PV600E, TH-42PX600B
C1-Board (2 of 2) Schematic Diagram

⚠ C2-BOARD TXNC21BKTB (1/2)

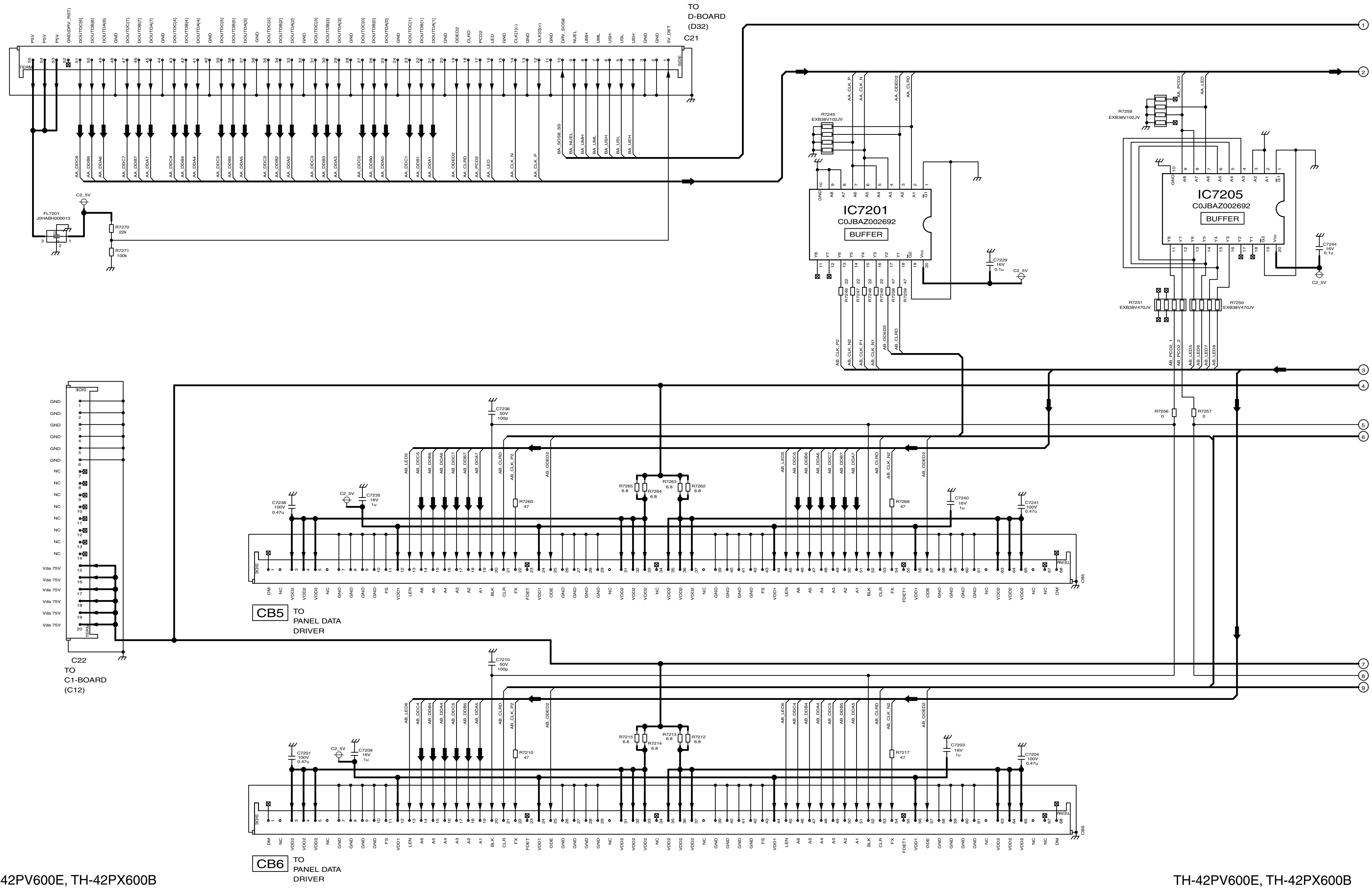


TO D-BOARD (D32)
C21
IC7201
C0JBAZ002692
BUFFER
IC7205
C0JBAZ002692
BUFFER
R7245
EXB38V102JV
R7258
EXB38V102JV
R7251
EXB38V470JV
R7250
EXB38V470JV
C7229 16V 0.1u
C7244 16V 0.1u
C2_5V
FL7201
J0HABH000013
R7270 22k
R7271 100k
R7256 0
R7257 0
C22
TO C1-BOARD (C12)
C7236 50V 100p
C7238 100V 0.47u
C7235 16V 1u
R7260 47
R7265 6.8
R7264 6.8
R7263 6.8
R7262 6.8
R7266 47
C7240 16V 1u
C7241 100V 0.47u
CB5
TO PANEL DATA DRIVER
C7210 50V 100p
C7201 100V 0.47u
C7209 16V 1u
R7210 47
R7215 6.8
R7214 6.8
R7213 6.8
R7212 6.8
R7217 47
C7203 16V 1u
C7204 100V 0.47u
CB6
TO PANEL DATA DRIVER
A
B
C
D
E
1
2
3
4
5
6
7
8

TH-37PV600E, TH-37PX600B
C2-Board (1 of 2) Schematic Diagram

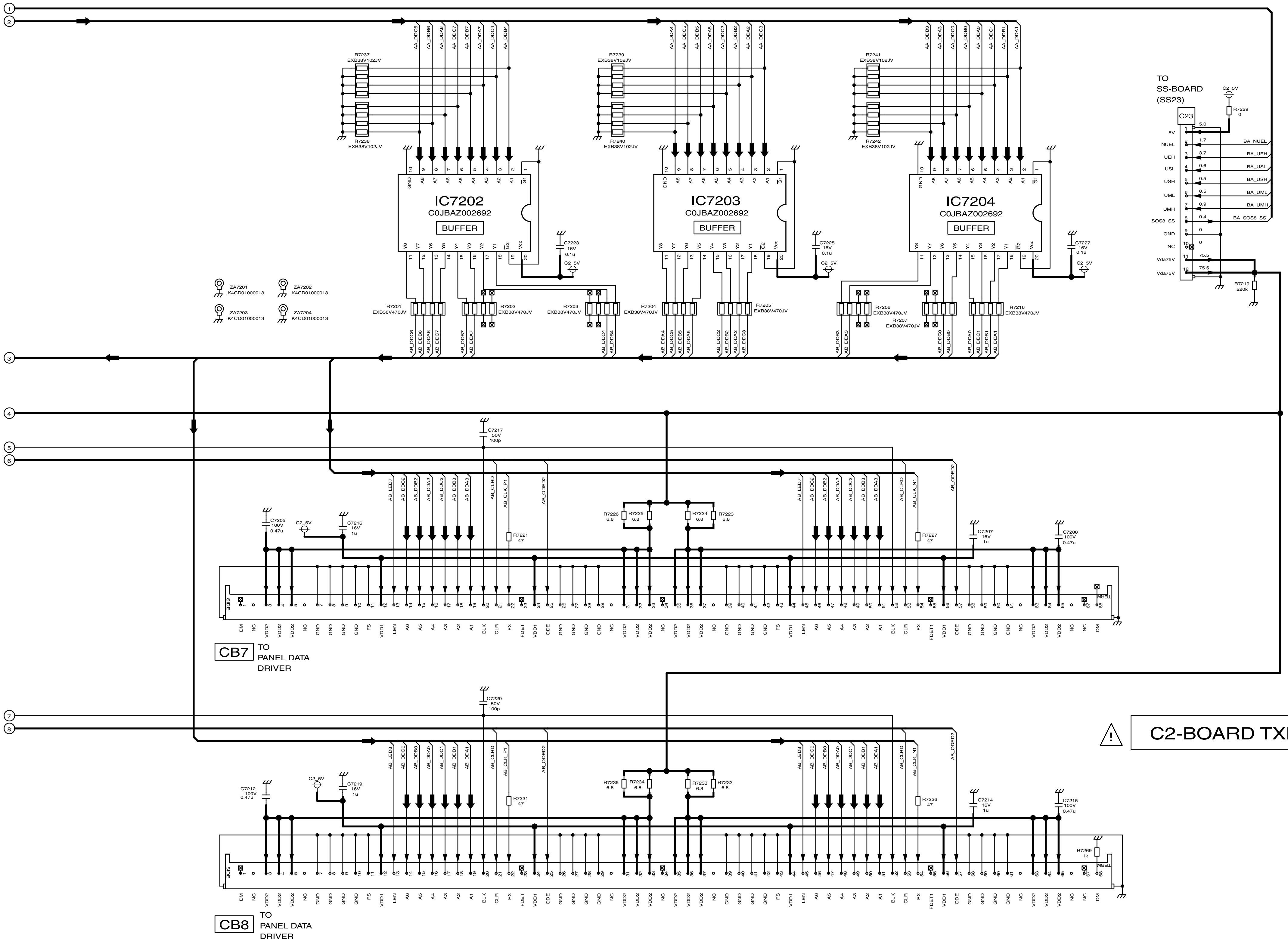
TH-37PV600E, TH-37PX600B
C2-Board (1 of 2) Schematic Diagram

⚠ C2-BOARD TXNC21BJTB (1/2)


A
B
C
D
E
TO
D-BOARD
(D32)
C21
P5V
GND(DRV_RST)
DOUTDC[6]
DOUTDB[6]
DOUTDA[6]
DOUTDC[7]
DOUTDB[7]
DOUTDA[7]
DOUTDC[4]
DOUTDB[4]
DOUTDA[4]
DOUTDC[5]
DOUTDB[5]
DOUTDA[5]
DOUTDC[2]
DOUTDB[2]
DOUTDA[2]
DOUTDC[3]
DOUTDB[3]
DOUTDA[3]
DOUTDC[0]
DOUTDB[0]
DOUTDA[0]
DOUTDC[1]
DOUTDB[1]
DOUTDA[1]
ODED2
CLRD
PCD2
LED
CLK[1](-)
CLK[0](+)
DRV_SOS8
NJEL
UMH
UML
USH
USL
UEH
5V_DET
TERM
SIDE
AA_DDC6
AA_DDB6
AA_DDA6
AA_DDC7
AA_DDB7
AA_DDA7
AA_DDC4
AA_DDB4
AA_DDA4
AA_DDC5
AA_DDB5
AA_DDA5
AA_DDC2
AA_DDB2
AA_DDA2
AA_DDC3
AA_DDB3
AA_DDA3
AA_DDC0
AA_DDB0
AA_DDA0
AA_DDC1
AA_DDB1
AA_DDA1
AA_ODED2
AA_CLRD
AA_PCD2
AA_LED
AA_CLK_N
AA_CLK_P
BA_SOS8_SS
BA_NJEL
BA_UMH
BA_UML
BA_USH
BA_USL
BA_UEH
C2_5V
FL7201
J0HABH000013
R7270
22k
R7271
100k
R7245
EXB38V102JV
AA_CLK_P
AA_CLK_N
AA_ODED2
AA_CLRD
IC7201
C0JBAZ002692
BUFFER
C7229
16V
0.1u
R7246
R7247
R7248
R7249
R7208
R7209
22
47
AB_CLK_P2
AB_CLK_N2
AB_CLK_P1
AB_CLK_N1
AB_ODED2
AB_CLRD
R7258
EXB38V102JV
AA_PCD2
AA_LED
IC7205
C0JBAZ002692
BUFFER
C7244
16V
0.1u
R7251
EXB38V470JV
R7250
EXB38V470JV
AB_PCD2_1
AB_PCD2_2
AB_LED5
AB_LED6
AB_LED7
AB_LED8
R7256
0
R7257
0
①
②
③
④
⑤
⑥
⑦
⑧
⑨
GND
NC
Vda 75V
C22
TO
C1-BOARD
(C12)
C7236
50V
100p
C7238
100V
0.47u
C7235
16V
1u
R7260
47
R7265
6.8
R7264
6.8
R7263
6.8
R7262
6.8
R7266
47
C7240
16V
1u
C7241
100V
0.47u
AB_LED5
AB_DDC6
AB_DDA6
AB_DDC7
AB_DDB7
AB_DDA7
AB_CLRD
AB_CLK_P2
AB_ODED2
AB_LED6
AB_DDB6
AB_DDA6
AB_CLK_N2
DM
VDD2
FS
VDD1
LEN
A6
A5
A4
A3
A2
A1
BLK
CLR
FX
FDET
ODE
FDET1
CB5
TO
PANEL DATA
DRIVER
C7210
50V
100p
C7201
100V
0.47u
C7209
16V
1u
R7210
47
R7215
6.8
R7214
6.8
R7213
6.8
R7212
6.8
R7217
47
C7203
16V
1u
C7204
100V
0.47u
AB_LED6
AB_DDC4
AB_DDB4
AB_DDA4
AB_DDC5
AB_DDB5
AB_DDA5
CB6
TO
PANEL DATA
DRIVER
1
2
3
4
5
6
7
8

TH-42PV600E, TH-42PX600B
C2-Board (1 of 2) Schematic Diagram

TH-42PV600E, TH-42PX600B
C2-Board (1 of 2) Schematic Diagram

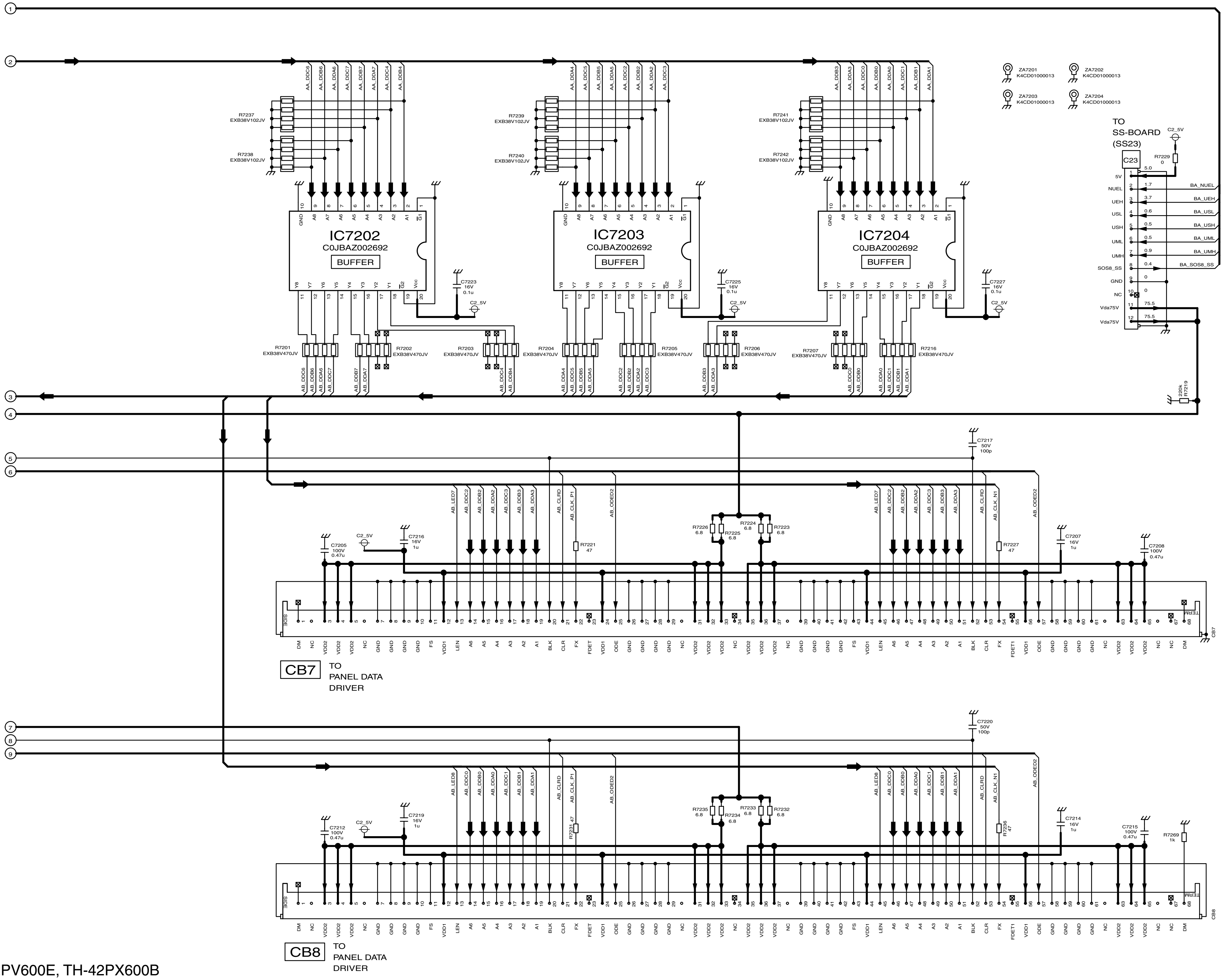

IC7202
C0JBAZ002692
BUFFER
IC7203
C0JBAZ002692
BUFFER
IC7204
C0JBAZ002692
BUFFER
R7237 EXB38V102JV
R7238 EXB38V102JV
R7239 EXB38V102JV
R7240 EXB38V102JV
R7241 EXB38V102JV
R7242 EXB38V102JV
R7201 EXB38V470JV
R7202 EXB38V470JV
R7203 EXB38V470JV
R7204 EXB38V470JV
R7205 EXB38V470JV
R7206 EXB38V470JV
R7207 EXB38V470JV
R7216 EXB38V470JV
ZA7201 K4CD01000013
ZA7202 K4CD01000013
ZA7203 K4CD01000013
ZA7204 K4CD01000013
TO
SS-BOARD
(SS23)
C23
5V
NUEL
UEH
USL
USH
UML
UMH
SOS8_SS
GND
NC
Vda75V
Vda75V
BA_NUEL
BA_UEH
BA_USL
BA_USH
BA_UML
BA_UMH
BA_SOS8_SS
R7229 0
R7219 220k
C2_5V
C7223 16V 0.1u
C7225 16V 0.1u
C7227 16V 0.1u
C7217 50V 100p
C7220 50V 100p
C7205 100V 0.47u
C7216 16V 1u
C7207 16V 1u
C7208 100V 0.47u
C7212 100V 0.47u
C7219 16V 1u
C7214 16V 1u
C7215 100V 0.47u
R7221 47
R7227 47
R7231 47
R7236 47
R7226 6.8
R7225 6.8
R7224 6.8
R7223 6.8
R7235 6.8
R7234 6.8
R7233 6.8
R7232 6.8
R7269 1k
CB7
TO
PANEL DATA
DRIVER
CB8
TO
PANEL DATA
DRIVER

C2-BOARD TXNC21BKTB (2/2)

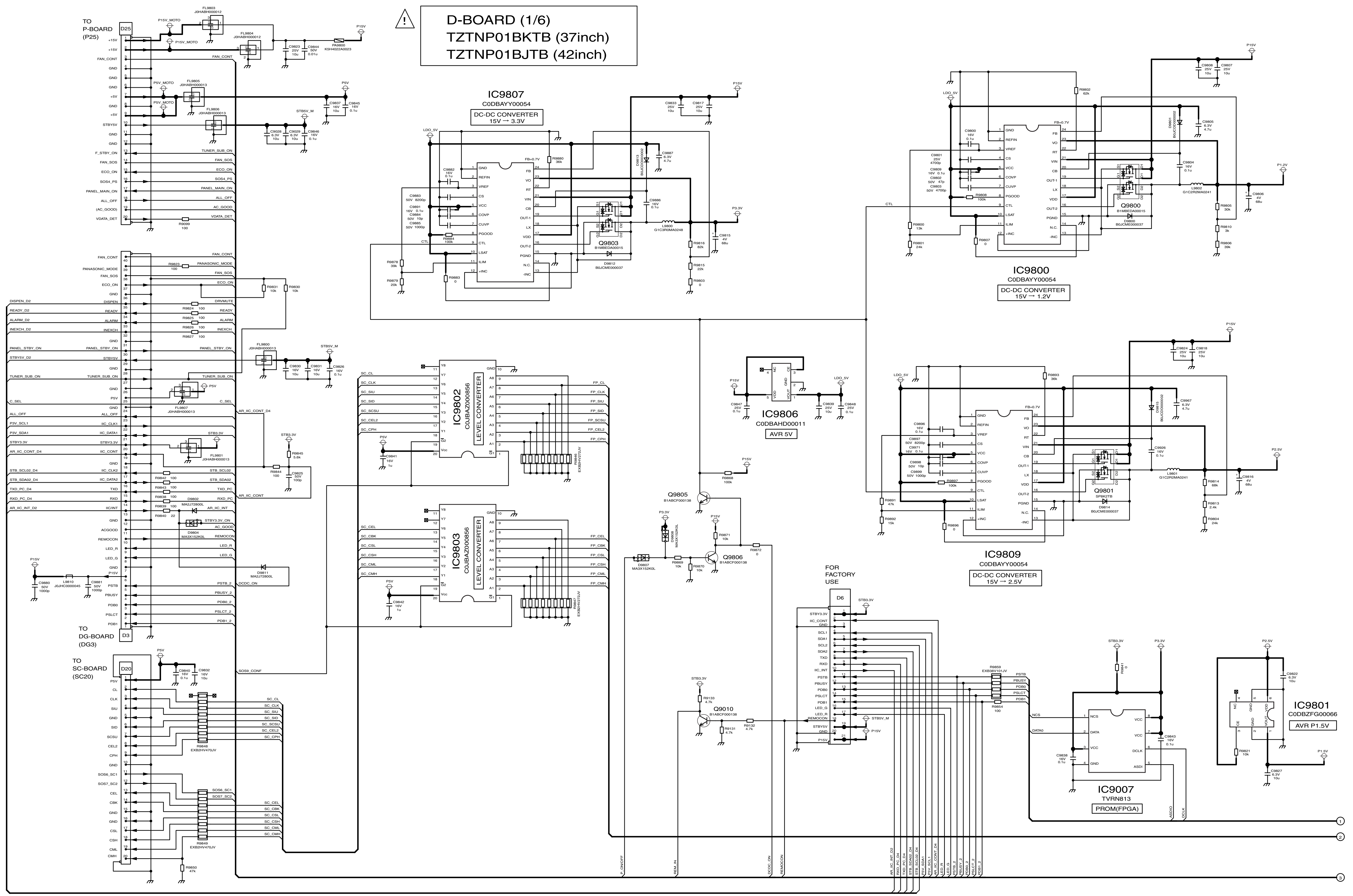
TH-37PV600E, TH-37PX600B
C2-Board (2 of 2) Schematic Diagram

TH-37PV600E, TH-37PX600B
C2-Board (2 of 2) Schematic Diagram

⚠ C2-BOARD TXNC21BJTB (2/2)


IC7202
C0JBAZ002692
BUFFER
IC7203
C0JBAZ002692
BUFFER
IC7204
C0JBAZ002692
BUFFER
R7237 EXB38V102JV
R7238 EXB38V102JV
R7239 EXB38V102JV
R7240 EXB38V102JV
R7241 EXB38V102JV
R7242 EXB38V102JV
R7201 EXB38V470JV
R7202 EXB38V470JV
R7203 EXB38V470JV
R7204 EXB38V470JV
R7205 EXB38V470JV
R7206 EXB38V470JV
R7207 EXB38V470JV
R7216 EXB38V470JV
ZA7201 K4CD01000013
ZA7202 K4CD01000013
ZA7203 K4CD01000013
ZA7204 K4CD01000013
TO
SS-BOARD
(SS23)
C23
C2_5V
R7229 0
5V
NUEL
UEH
USL
USH
UML
UMH
SOS8_SS
GND
NC
Vda75V
Vda75V
BA_NUEL
BA_UEH
BA_USL
BA_USH
BA_UML
BA_UMH
BA_SOS8_SS
R7219 220k
C7223 16V 0.1u
C7225 16V 0.1u
C7227 16V 0.1u
C7217 50V 100p
C7220 50V 100p
C7205 100V 0.47u
C7216 16V 1u
C7207 16V 1u
C7208 100V 0.47u
R7221 47
R7227 47
R7226 6.8
R7225 6.8
R7224 6.8
R7223 6.8
C7212 100V 0.47u
C7219 16V 1u
C7214 16V 1u
C7215 100V 0.47u
R7231 47
R7236 47
R7235 6.8
R7234 6.8
R7233 6.8
R7232 6.8
R7269 1k
CB7
TO
PANEL DATA
DRIVER
CB8
TO
PANEL DATA
DRIVER

TH-42PV600E, TH-42PX600B
C2-Board (2 of 2) Schematic Diagram


D-BOARD (1/6)
TZTNP01BKTB (37inch)
TZTNP01BJTB (42inch)
TO P-BOARD (P25)
D25
TO DG-BOARD (DG3)
D3
TO SC-BOARD (SC20)
D20
IC9807
C0DBAYY00054
DC-DC CONVERTER 15V → 3.3V
Q9803
B1MBEDA00015
IC9800
C0DBAYY00054
DC-DC CONVERTER 15V → 1.2V
Q9800
B1MBEDA00015
IC9806
C0DBAHD00011
AVR 5V
IC9802
C0JBAZ000856
LEVEL CONVERTER
IC9803
C0JBAZ000856
LEVEL CONVERTER
IC9809
C0DBAYY00054
DC-DC CONVERTER 15V → 2.5V
Q9801
SP8K2TB
Q9805
B1ABCF000138
Q9806
B1ABCF000138
Q9010
B1ABCF000138
FOR FACTORY USE
D6
IC9007
TVRN813
PROM(FPGA)
IC9801
C0DBZFG00066
AVR P1.5V
P15V
P5V
P3.3V
P2.5V
P1.2V
P1.5V
LDO_5V
STB3.3V
STB5V_M
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-37/42PV600E, TH-37/42PX600B D-Board (1 of 6) Schematic Diagram

TH-37/42PV600E, TH-37/42PX600B
D-Board (1 of 6) Schematic Diagram